



# PUBLIC NOTICE

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## AUCTION OF 218-219 MHz SERVICE AND PHASE II 220 MHz SERVICE LICENSES SCHEDULED FOR DECEMBER 7, 2010

### COMMENT SOUGHT ON COMPETITIVE BIDDING PROCEDURES FOR AUCTION 89

AU Docket No. 10-107

Comments Due: June 15, 2010

Reply Comments Due: June 29, 2010

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**I. INTRODUCTION**

1. By this Public Notice, the Wireless Telecommunications Bureau (“Bureau”) announces an auction of 218-219 MHz Service licenses and Phase II 220 MHz Service licenses to commence on December 7, 2010 (“Auction 89”).

**II. LICENSES TO BE OFFERED IN AUCTION 89**

2. Auction 89 will include a total of 1,868 licenses. These include licenses for spectrum not previously offered at auction, licenses that remained unsold from a previous auction, licenses on which a winning bidder in a previous auction defaulted, and licenses for spectrum previously associated with licenses that cancelled or terminated. In a few cases, the available license does not cover the entire geographic area or bandwidth that was covered by a previously auctioned license due to partitioning or disaggregation by a previous licensee.

3. Attachment A to this Public Notice provides a complete list of the licenses available in Auction 89.

**A. License Descriptions**

**1. 218-219 MHz Service Licenses**

4. Auction 89 will offer 1,420 licenses in the 218-219 MHz Service<sup>1</sup>: 716 A Block licenses and 704 B Block licenses covering a total of 727 Cellular Market Areas (“CMAs”).<sup>2</sup>

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<sup>1</sup> This service was originally known as the Interactive Video and Data Service or IVDS. The Commission re-designated this service as the 218-219 MHz Service in 1998, in the course of modifying the rules to maximize the efficient and effective use of the band. *See* Amendment of Part 95 of the Commission’s Rules to Provide Regulatory Flexibility in the 218-219 MHz Service, *Report and Order and Memorandum Opinion and Order*, WT Docket No. 98-169, RM-8951, FCC 99-239, 15 FCC Rcd 1497, 1499 ¶ 2 (1999), *on recon.*, *Order*, FCC 99-372, 14 FCC Rcd 21,078 (1999). The Commission believed such re-designation better reflected the breadth of services available in this service. *See* Amendment of Part 95 of the Commission’s Rules to Provide Regulatory Flexibility in the 218-219 MHz Service and Amendment of Part 95 of the Commission’s Rules to Allow Interactive Video and Data Service Licensees to Provide Mobile Services (proceeding terminated), *Order, Memorandum Opinion and Order, and Notice of Proposed Rulemaking*, FCC 98-228, 13 FCC Rcd 19,064, 19,075 ¶ 16 (1998).

5. The 218-219 MHz Service is a short-distance communication service designed to provide any fixed or mobile communications service to subscribers within a specified service area.<sup>3</sup> A licensee may provide service on a common carrier or private basis, using one- and two-way communications.<sup>4</sup> Although the service rules are designed to allow licensees the maximum flexibility to structure services to meet demand, 218-219 MHz Service channels are unable to support operations that require large amounts of spectrum, including certain video, voice, and advanced data applications. The components of each 218-219 MHz Service system are its administrative apparatus, its response transmitter units (“RTUs”), and one or more cell transmitter stations (“CTSs”).<sup>5</sup> RTUs may be used in any location within the service area.<sup>6</sup> CTSs provide service from a fixed point.<sup>7</sup> CTSs and RTUs are authorized under the 218-219 MHz Service licenses offered in Auction 89; however, CTSs that do not meet the limitations of section 95.811 of the Commission’s rules must be licensed separately.<sup>8</sup>

6. The following table describes the 218-219 MHz Service licenses that will be offered in Auction 89.

Block	Frequencies	Bandwidth	Geographic Area Type	No. of Licenses
A	218.0 – 218.5 MHz	500 kHz	CMA	716
B	218.5 – 219.0 MHz	500 kHz	CMA	704

7. A complete list of 218-219 MHz Service licenses offered in Auction 89 is available in Attachment A.<sup>9</sup>

## 2. Phase II 220 MHz Service Licenses

8. Auction 89 will offer 448 Phase II 220 MHz Service licenses<sup>10</sup>, including 444 Economic Area (“EA”) licenses and 4 Economic Area Grouping (“EAG”) licenses, covering a total of 154 separate EAs and EAGs.

<sup>2</sup> The CMA licenses consist of both Metropolitan Statistical Area (“MSA”) and Rural Service Area (“RSA”) licenses.

<sup>3</sup> See 47 C.F.R. §§ 95.803(a), 95.807(a).

<sup>4</sup> See 47 C.F.R. §§ 95.803(b), 95.811.

<sup>5</sup> See 47 C.F.R. § 95.811(b).

<sup>6</sup> See 47 C.F.R. § 95.803(b).

<sup>7</sup> See *id.*

<sup>8</sup> See 47 C.F.R. § 95.811.

<sup>9</sup> The FCC issued 18 MSA licenses by lottery in 1993 (see Interactive Video and Data Service Licenses Granted, *Public Notice*, Mimeo No. 42,412 (rel. Mar. 30, 1994)), and conducted an auction for the remaining MSA licenses in 1994. See Auction No. 2, “Announcing High Bidders For 594 Interactive Video And Data Service (IVDS) Licenses,” *Public Notice*, Mimeo No. 44,160 (rel. Aug. 2, 1994). No RSA licenses have been issued to date.

<sup>10</sup> For some of the orders and related rules associated with the Phase II 220 MHz service auction, see In the Matter of Amendment of Part 90 of the Commission’s Rules to Provide for the Use of the 220-222 MHz Band by the Private Land Mobile Radio Service, Implementation of Sections 3(n) and 332 of the Communications Act, Regulatory Treatment of Mobile Services, Implementation of Section 309(j) of the Communications Act – Competitive Bidding, PR Docket No. 89-552, RM 8506, GN Docket No. 93-252, PP Docket No. 93-253, *Third Report and Order and Fifth Notice of Proposed Rulemaking*, FCC 97-57, 12 FCC Rcd 10,943 (1997), *modified on recon.*, FCC 98-93, 13 FCC Rcd 14,569 (1998); In the Matter of Amendment of Part 90 of the Commission’s Rules to Provide For the Use of the 220-222 MHz Band by the Private Land Mobile Radio Service, PR Docket No. 89-

9. Licensees in the 220 MHz Service will be able to use this spectrum to provide voice, data, paging, and fixed operations.<sup>11</sup>

10. The following table describes the 220 MHz Service licenses that will be offered in Auction 89.

Block	Bandwidth	Pairing	Geographic Area Type	No. of Licenses
A	100 kHz	2 x 50 kHz	EA	92
B	100 kHz	2 x 50 kHz	EA	94
C	100 kHz	2 x 50 kHz	EA	90
D	100 kHz	2 x 50 kHz	EA	89
E	100 kHz	2 x 50 kHz	EA	79
F	150 kHz	2 x 75 kHz	EAG	1
H	150 kHz	2 x 75 kHz	EAG	1
I	150 kHz	2 x 75 kHz	EAG	2

For the specific frequencies of licenses in each block refer to Attachment A - Part 2. Licenses in blocks A-E have 10 paired 5 kHz channels, and licenses in blocks F-I have 15 paired 5 kHz channels. None of the licenses offered in Auction 89 have contiguous channels except for the E block licenses.

11. Certain licenses being offered in Auction 89 are available for only part of the geographic license area listed in the table above because some previously-auctioned 220 MHz licenses were partitioned. In addition, four of these licenses available for only part of the geographic license area also cover less bandwidth than noted in the table above due to previous disaggregation. The 220 MHz Service licenses available in this auction are listed and are more fully described in Attachment A to this Public Notice.

## **B. Incumbency Issues**

### **1. 218-219 MHz Licenses**

12. The Commission has authorized certain site-based, low power operations on a secondary basis in the 216-220 MHz band.<sup>12</sup> There are also incumbent geographic area 218-219 MHz Service licenses in certain CMAs. Additional information on those licenses may be found through the Commission's Universal Licensing System ("ULS").<sup>13</sup>

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552, *Fourth Report and Order*, FCC 97-225, 12 FCC Rcd 13,453 (1997); In the Matter of Amendment of Part 90 of the Commission's Rules to Provide for the Use of the 220-222 MHz Band by the Private Land Mobile Radio Service, Implementation of Sections 3(n) and 332 of the Communications Act, Regulatory Treatment of Mobile Services-Geographic Partitioning and Spectrum Disaggregation for the 220-222 MHz Service, PR Docket No. 89-552, GN Docket No. 93-252, *Fifth Report and Order*, FCC 98-186, 13 FCC Rcd 24,615 (1998) and *Memorandum Opinion and Order*, FCC 00-102, 15 FCC Rcd 5919 (2000), *vacated and superseded by Memorandum Opinion and Order*, FCC 00-187, 15 FCC Rcd 13,924 (2000).

<sup>11</sup> See 47 C.F.R. § 90.733.

<sup>12</sup> See 47 C.F.R. § 90.259(a) (secondary low power authorizations for 216-220 MHz band).

<sup>13</sup> ULS, which is available at <http://wireless.fcc.gov/uls>, allows electronic filing of applications processed by the Commission. ULS also provides the ability to search for applications or licenses by various criteria.

## 2. 220 MHz Licenses

13. A number of incumbent Phase I (site-based) 220 MHz licensees are licensed and operating on frequencies between 220 and 222 MHz.<sup>14</sup> Such Phase I incumbents must be protected from harmful interference by Phase II 220 MHz licensees in accordance with the Commission's rules.<sup>15</sup> These limitations may restrict the ability of Phase II geographic area licensees to use certain portions of the electromagnetic spectrum or provide service to certain areas in their geographic license areas. There are also incumbent geographic area 220 MHz licenses in certain EAs and EAGs. Additional information on those licenses may be found through ULS.<sup>16</sup>

### III. BUREAU SEEKS COMMENT ON AUCTION PROCEDURES

14. Section 309(j)(3) of the Communications Act of 1934, as amended, requires the Commission to “ensure that, in the scheduling of any competitive bidding under this subsection, an adequate period is allowed . . . before issuance of bidding rules, to permit notice and comment on proposed auction procedures . . . .”<sup>17</sup> Consistent with the provisions of Section 309(j)(3) and to ensure that potential bidders have adequate time to familiarize themselves with the specific rules that will govern the day-to-day conduct of an auction, the Commission directed the Bureau, under its existing delegated authority, to seek comment on a variety of auction-specific procedures prior to the start of each auction.<sup>18</sup> We therefore seek comment on the following issues relating to Auction 89.

#### A. Auction Design

##### 1. Auction Format

15. We propose to auction all licenses included in Auction 89 using the Commission's standard simultaneous multiple-round (“SMR”) auction format. As described further below, this type of auction offers every license for bid at the same time and consists of successive bidding rounds in which eligible bidders may place bids on individual licenses. Typically, bidding remains open on all licenses until bidding stops on every license. We seek comment on this proposal.

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<sup>14</sup> See 47 C.F.R. § 90.745 (Phase I license service areas).

<sup>15</sup> See 47 C.F.R. § 90.763(b).

<sup>16</sup> See footnote 13, above.

<sup>17</sup> 47 U.S.C. § 309(j)(3)(E)(i).

<sup>18</sup> See Amendment of Part 1 of the Commission's Rules — Competitive Bidding Procedures, Allocation of Spectrum Below 5 GHz Transferred from Federal Government Use, 4660-4685 MHz, WT Docket No. 97-82, ET Docket No. 94-32, *Third Report and Order and Second Further Notice of Proposed Rule Making*, FCC 97-413, 13 FCC Rcd 374, 448 ¶¶ 124-25 (1997) (“*Part 1 Third Report and Order*”) (directing the Bureau to seek comment on specific mechanisms related to day-to-day auction conduct including, for example, the structure of bidding rounds and stages, establishment of minimum opening bids or reserve prices, minimum acceptable bids, initial maximum eligibility for each bidder, activity requirements for each stage of the auction, activity rule waivers, criteria for determining reductions in eligibility, information regarding bid withdrawal and bid removal, stopping rules, and information relating to auction delay, suspension or cancellation). See also 47 C.F.R. § 0.131; Amendment of Part 1 of the Commission's Rules — Competitive Bidding Proceeding, WT Docket No. 97-82, *Order, Memorandum Opinion and Order, and Notice of Proposed Rule Making*, FCC 97-60, 12 FCC Rcd 5686, 5697-98 ¶ 16 (1997) (“*Part 1 Order*”).

## 2. Anonymous Bidding

16. The Commission's standard practice in recent auctions of licenses for wireless services has been to implement procedures to limit the disclosure of certain bidder-specific information until after the close of the auction.<sup>19</sup> Consistent with that practice, the Bureau proposes to conduct Auction 89 using certain procedures for limited information disclosure, or "anonymous bidding." Specifically, the Bureau proposes to withhold, until after the close of bidding, public release of (1) bidders' license selections on their short-form applications (FCC Form 175); (2) the amounts of bidders' upfront payments and bidding eligibility; and (3) information that may reveal the identities of bidders placing bids and taking other bidding-related actions.

17. Under these proposed limited information procedures, the amount of every bid placed and whether a bid was withdrawn would be disclosed after the close of every round, but the identities of bidders placing or withdrawing specific bids and the net bid amounts would not be disclosed until after the close of the auction.

18. Bidders would have access to additional information about their own bids. For example, bidders would be able to view their own level of eligibility, before and during the auction, through the Commission's Integrated Spectrum Auction System ("ISAS" or "FCC Auction System").

19. Moreover, for the purpose of complying with section 1.2105(c), the Commission's rule prohibiting certain communications between applicants (sometimes referred to as the "anti-collusion rule"), applicants would be made aware of other applicants with which they will not be permitted to cooperate, collaborate, or communicate, including discussing bids or bidding strategies.<sup>20</sup> Specifically, the Bureau would notify separately each applicant in Auction 89 whether applicants with short-form applications to participate in pending auctions, including but not limited to Auction 89, have applied for licenses in any of the same or overlapping geographic areas as that applicant.

20. After the close of bidding, bidders' license selections, upfront payment amounts, bidding eligibility, bids, and other bidding-related actions would be made publicly available.

21. We seek comments on our proposal to implement anonymous bidding in Auction 89. We also seek comment on alternatives to the use of anonymous bidding procedures for Auction 89. When the Commission proposed limited information disclosure procedures for the first time, it did so in response to analysis suggesting that under certain circumstances the competitiveness and economic efficiency of an SMR auction may be enhanced if such information is withheld until after the close of the auction.<sup>21</sup> The Bureau encourages parties to provide information about the benefits and costs of complying with limited information

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<sup>19</sup> See, e.g., "Auction of 700 MHz Band Licenses Scheduled for January 24, 2008; Notice and Filing Requirements, Minimum Opening Bids, Reserve Prices, Upfront Payments, and Other Procedures for Auctions 73 and 76," *Public Notice*, DA 07-4171, 22 FCC Rcd 18,141, 18,181-85 ¶¶ 145-156 (WTB 2007); "Auction of Advanced Wireless Services Licenses Scheduled for June 29, 2006; Notice and Filing Requirements, Minimum Opening Bids, Upfront Payments and Other Procedures for Auction No. 66," *Public Notice*, FCC 06-47, 21 FCC Rcd 4562, 4600-05 ¶¶ 140-157 (2006).

<sup>20</sup> See 47 C.F.R. § 1.2105(c).

<sup>21</sup> "Auction of Advanced Wireless Services Licenses Scheduled for June 29, 2006; Comment Sought on Reserve Prices or Minimum Opening Bids and Other Procedures" *Public Notice*, DA 06-238, 21 FCC Rcd 794, 799 (2006).

procedures as compared with the benefits and costs of alternative procedures that would provide for the disclosure of more information on bidder identities and interests in the auction. If commenters believe that the Bureau should not adopt procedures to limit the disclosure of certain bidder-specific information until after the auction, they should explain their reasoning.

## **B. Auction Structure**

### **1. Round Structure**

22. Auction 89 will consist of sequential bidding rounds. The initial bidding schedule will be announced in a public notice to be released at least one week before the start of the auction.

23. The Commission will conduct Auction 89 over the Internet, and telephonic bidding will be available as well. The toll-free telephone number for the Auction Bidder Line will be provided to qualified bidders.

24. The Bureau proposes to retain the discretion to change the bidding schedule in order to foster an auction pace that reasonably balances speed with the bidders' need to study round results and adjust their bidding strategies. Under this proposal, the Bureau may change the amount of time for bidding rounds, the amount of time between rounds, or the number of rounds per day, depending upon bidding activity and other factors. The Bureau seeks comment on this proposal. Commenters may wish to address the role of the bidding schedule in managing the pace of the auction and the tradeoffs in managing auction pace by bidding schedule changes, by changing the activity requirements or bid amount parameters, or by using other means.

### **2. Stopping Rule**

25. The Bureau has discretion to "establish stopping rules before or during multiple round auctions in order to terminate the auctions within a reasonable time."<sup>22</sup> For Auction 89, the Bureau proposes to employ a simultaneous stopping rule approach. A simultaneous stopping rule means that all licenses remain available for bidding until bidding closes simultaneously on all licenses. More specifically, bidding will close simultaneously on all licenses after the first round in which no bidder submits any new bids, applies a proactive waiver, or withdraws any provisionally winning bids.<sup>23</sup> Thus, unless the Bureau announces alternative stopping procedures, bidding will remain open on all licenses until bidding stops on every license. Consequently, it is not possible to determine in advance how long the auction will last.

26. Further, the Bureau proposes to retain the discretion to exercise any of the following options during Auction 89:

- a) Use a modified version of the simultaneous stopping rule. The modified stopping rule would close the auction for all licenses after the first round in which no bidder applies a waiver, withdraws a provisionally winning bid, or places any new bids on any license for which it is not the provisionally winning bidder. Thus, absent any other bidding activity, a bidder placing a new bid on a license for which it is the provisionally winning bidder would not keep the auction open under this modified stopping rule.

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<sup>22</sup> 47 C.F.R. § 1.2104(e).

<sup>23</sup> Proactive waivers are described in Section III.C.3. "Activity Rule Waivers and Reducing Eligibility," provisionally winning bids are defined in Section III.C.6. "Provisionally Winning Bids," and bid withdrawals are described in Section III.C.8. "Bid Withdrawal," below.

- b) Declare that the auction will end after a specified number of additional rounds (“special stopping rule”). If the Bureau invokes this special stopping rule, it will accept bids in the specified final round(s) after which the auction will close.
- c) Keep the auction open even if no bidder submits any new bids, applies a waiver, or withdraws any provisionally winning bids. In this event, the effect will be the same as if a bidder had applied a waiver. The activity rule, therefore, will apply as usual and a bidder with insufficient activity will either lose bidding eligibility or use a waiver.

27. The Bureau proposes to exercise these options only in certain circumstances, for example, where the auction is proceeding unusually slowly or quickly, there is minimal overall bidding activity, or it appears likely that the auction will not close within a reasonable period of time or will close prematurely. Before exercising certain of these options, the Bureau is likely to attempt to change the pace of the auction by, for example, changing the number of bidding rounds per day and/or changing minimum acceptable bids. The Bureau proposes to retain the discretion to exercise any of these options with or without prior announcement during the auction. We seek comment on these proposals.

### **3. Information Relating to Auction Delay, Suspension, or Cancellation**

28. For Auction 89, the Bureau proposes that, by public notice or by announcement during the auction, the Bureau may delay, suspend, or cancel the auction in the event of natural disaster, technical obstacle, administrative or weather necessity, evidence of an auction security breach or unlawful bidding activity, or for any other reason that affects the fair and efficient conduct of competitive bidding.<sup>24</sup> In such cases, the Bureau, in its sole discretion, may elect to resume the auction starting from the beginning of the current round, resume the auction starting from some previous round, or cancel the auction in its entirety. Network interruption may cause the Bureau to delay or suspend the auction. The Bureau emphasizes that exercise of this authority is solely within the discretion of the Bureau, and its use is not intended to be a substitute for situations in which bidders may wish to apply their activity rule waivers. The Bureau seeks comment on this proposal.

#### **C. Auction Procedures**

##### **1. Upfront Payments and Bidding Eligibility**

29. The Bureau has delegated authority and discretion to determine an appropriate upfront payment for each license being auctioned.<sup>25</sup> A bidder’s upfront payment is a refundable deposit to establish eligibility to bid on licenses. Upfront payments related to the licenses for specific spectrum subject to auction protect against frivolous or insincere bidding and provide the Commission with a source of funds from which to collect payments owed at the close of the auction.<sup>26</sup>

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<sup>24</sup> 47 C.F.R. § 1.2104(i).

<sup>25</sup> See *Part 1 Order*, 12 FCC Rcd at 5697-98 ¶ 16. See also *Part 1 Third Report and Order*, 13 FCC Rcd at 425 ¶ 86; Implementation of Section 309(j) of the Communications Act—Competitive Bidding, PP Docket No. 93-253, *Second Report and Order*, FCC 94-61, 9 FCC Rcd 2348, 2378-79 ¶¶ 171-75 (1994) (“*Competitive Bidding Second Report and Order*”).

<sup>26</sup> See *Competitive Bidding Second Report and Order*, 9 FCC Rcd at 2378-79 ¶¶ 171-76.

30. For Auction 89, we propose to make the upfront payments equal to the minimum opening bids, which are established as described in Section III.C.4., below. The specific upfront payments for each license are listed in Attachment A. We seek comment on this proposal.

31. The Bureau further proposes that the amount of the upfront payment submitted by a bidder will determine the bidder's initial bidding eligibility in bidding units. The Bureau proposes that each license be assigned a specific number of bidding units equal to the upfront payment listed for the license, on a bidding unit per dollar basis.<sup>27</sup> The specific bidding units for each license are listed in Attachment A. The number of bidding units for a given license is fixed and does not change during the auction as prices rise. A bidder's upfront payment is not attributed to specific licenses. Rather, a bidder may place bids on any combination of licenses it selected on its short-form application (FCC Form 175) as long as the total number of bidding units associated with those licenses does not exceed its current eligibility.

32. Eligibility cannot be increased during the auction; it can only remain the same or decrease. Thus, in calculating its upfront payment amount and hence its initial bidding eligibility, an applicant must determine the maximum number of bidding units it may wish to bid on (or hold provisionally winning bids on) in any single round, and submit an upfront payment amount covering that total number of bidding units. Provisionally winning bids are bids that would become final winning bids if the auction were to close in that given round.<sup>28</sup>

33. The Bureau seeks comment on these proposals.

## **2. Activity Rule**

34. In order to ensure that the auction closes within a reasonable period of time, an activity rule requires bidders to bid actively throughout the auction, rather than wait until late in the auction before participating. A bidder's activity in a round will be the sum of the bidding units associated with any licenses upon which it places bids during the current round and the bidding units associated with any licenses for which it holds provisionally winning bids. Bidders are required to be active on a specific percentage of their current bidding eligibility during each round of the auction. Failure to maintain the requisite activity level will result in the use of an activity rule waiver, if any remain, or a reduction in the bidder's eligibility, possibly curtailing or eliminating the bidder's ability to place additional bids in the auction.<sup>29</sup>

35. The Bureau proposes to divide the auction into at least two stages, each characterized by a different activity requirement.<sup>30</sup> The auction will start in Stage One. The Bureau proposes to advance the auction to the next stage by announcement during the auction. In exercising this discretion, the Bureau will consider a variety of measures of auction activity, including but not limited to the percentage of licenses (as measured in bidding units) on which

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<sup>27</sup> "Former Defaulters" — *i.e.*, applicants, including any of their affiliates, any of their controlling interests, or any of the affiliates of their controlling interests, that in the past have defaulted on any Commission license or been delinquent on any non-tax debt owed to any Federal agency, but that have prior to the short-form application filing deadline remedied all such defaults and cured all of their outstanding non-tax delinquencies — are required to pay upfront payments that are fifty percent more than the normal upfront payment amounts for the same number of bidding units. 47 C.F.R. § 1.2106(a).

<sup>28</sup> See Section III.C. 6. "Provisionally Winning Bids," below.

<sup>29</sup> See Section III C.3. "Activity Rule Waivers and Reducing Eligibility," below.

<sup>30</sup> See 47 C.F.R. § 1.2104(f).

there are new bids,<sup>31</sup> the number of new bids, and the increase in revenue. The Bureau seeks comment on these proposals.

36. The Bureau proposes the following activity requirements, while noting again that the Bureau retains the discretion to change stages unilaterally by announcement during the auction:

**Stage One:** In each round of the first stage of the auction, a bidder desiring to maintain its current bidding eligibility is required to be active on licenses representing at least 80 percent of its current bidding eligibility. Failure to maintain the required activity level will result in the use of an activity rule waiver or a reduction in the bidder's bidding eligibility for the next round of bidding. During Stage One, a bidder's reduced eligibility for the next round will be calculated by multiplying the bidder's current round activity by five-fourths (5/4).

**Stage Two:** In each round of the second stage, a bidder desiring to maintain its current bidding eligibility is required to be active on 95 percent of its current bidding eligibility. Failure to maintain the required activity level will result in the use of an activity rule waiver or a reduction in the bidder's bidding eligibility for the next round of bidding. During Stage Two, a bidder's reduced eligibility for the next round will be calculated by multiplying the bidder's current round activity by twenty-nineteenths (20/19).

37. Under this proposal, the Bureau will retain the discretion to change the activity requirements during the auction. For example, the Bureau could decide not to transition to Stage Two if it believes the auction is progressing satisfactorily under the Stage One activity requirement, to transition to Stage Two with an activity requirement that is higher or lower than the 95 percent proposed herein, or to add an additional stage with a higher activity requirement.<sup>32</sup> If the Bureau exercises this discretion, it will alert bidders by announcement in the FCC Auction System.

### 3. Activity Rule Waivers and Reducing Eligibility

38. Use of an activity rule waiver preserves the bidder's eligibility despite the bidder's activity in the current round being below the required minimum level. An activity rule waiver applies to an entire round of bidding, not to particular licenses. Activity rule waivers can be either proactive or automatic and are principally a mechanism for bidders to avoid the loss of bidding eligibility in the event that exigent circumstances prevent them from bidding in a particular round.

39. The FCC Auction System assumes that a bidder not meeting the activity requirement would prefer to use an activity rule waiver (if available) rather than lose bidding eligibility. Therefore, the system will automatically apply a waiver at the end of any bidding round in which a bidder's activity level is below the minimum required unless (1) the bidder has no activity rule waivers remaining, or (2) the bidder overrides the automatic application of a

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<sup>31</sup> For example, when monitoring activity for determining when to change stages, the Bureau may consider the percentage of bidding units of the licenses receiving new provisionally winning bids, excluding any FCC-held licenses. In past auctions, the Bureau has generally changed stages when this measure was approximately twenty percent or below for three consecutive rounds of bidding.

<sup>32</sup> If the Bureau implements stages with activity requirements other than the ones listed above, a bidder's reduced eligibility for the next round will be calculated by multiplying the bidder's current round activity by the reciprocal of the activity requirement. For example, with a 98 percent activity requirement, the bidder's current round activity would be multiplied by 50/49; with a 100 percent activity requirement, the bidder's current round activity would become its bidding eligibility (current round activity would be multiplied by 1/1).

waiver by reducing eligibility, thereby meeting the activity requirement. If a bidder has no waivers remaining and does not satisfy the required activity level, its eligibility will be permanently reduced, possibly curtailing or eliminating the bidder's ability to place additional bids in the auction.

40. A bidder with insufficient activity may wish to reduce its bidding eligibility rather than use an activity rule waiver. If so, the bidder must affirmatively override the automatic waiver mechanism during the bidding round by using the "reduce eligibility" function in the FCC Auction System. In this case, the bidder's eligibility is permanently reduced to bring the bidder into compliance with the activity rule as described above. Reducing eligibility is an irreversible action. Once eligibility has been reduced, a bidder will not be permitted to regain its lost bidding eligibility, even if the round has not yet closed.

41. Under the proposed simultaneous stopping rule, a bidder may apply an activity rule waiver proactively as a means to keep the auction open without placing a bid. If a bidder proactively applies an activity rule waiver (using the "apply waiver" function in the FCC Auction System) during a bidding round in which no bids are placed or withdrawn, the auction will remain open and the bidder's eligibility will be preserved. An automatic waiver applied by the FCC Auction System in a round in which there are no new bids, withdrawals, or proactive waivers will not keep the auction open. A bidder cannot apply a proactive waiver after bidding in a round, and applying a proactive waiver will preclude a bidder from placing any bids in that round.<sup>33</sup> Applying a waiver is irreversible; once a proactive waiver is submitted, that waiver cannot be unsubmitted, even if the round has not yet closed.

42. Consistent with recent auctions of wireless spectrum, the Bureau proposes that each bidder in Auction 89 be provided with three activity rule waivers that may be used as set forth above at the bidder's discretion during the course of the auction. The Bureau seeks comment on this proposal.

#### **4. Reserve Price or Minimum Opening Bids**

43. Section 309(j) calls upon the Commission to prescribe methods for establishing a reasonable reserve price or a minimum opening bid amount when FCC licenses are subject to auction, unless the Commission determines that a reserve price or minimum opening bid amount is not in the public interest.<sup>34</sup> Consistent with this mandate, the Commission has directed the Bureau to seek comment on the use of a minimum opening bid amount and/or reserve price prior to the start of each auction.<sup>35</sup>

44. Normally, a reserve price is an absolute minimum price below which an item will not be sold. Reserve prices can be either published or unpublished. A minimum opening bid, on the other hand, is the minimum bid price set at the beginning of the auction below which no bids are accepted. It is generally used to accelerate the competitive bidding process. Also, the auctioneer may have the discretion to lower the minimum opening bid amount later in the auction. It is also possible for the minimum opening bid and the reserve price to be the same amount.

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<sup>33</sup> In general, once a bidder places a proactive waiver during a round, the FCC Auction System does not allow the bidder to take any other bidding-related action, including placing or withdrawing bids later in that round.

<sup>34</sup> 47 U.S.C. § 309(j)(4)(F). *See also* 47 C.F.R. § 1.2104(c) and (d).

<sup>35</sup> *Part 1 Third Report and Order*, 13 FCC Rcd at 455-56 ¶ 141. *See also* 47 C.F.R. § 1.2104(c).

45. In light of Section 309(j)'s requirements, the Bureau proposes to establish minimum opening bid amounts for Auction 89. The Bureau believes a minimum opening bid amount, which has been used in other auctions, is an effective bidding tool for accelerating the competitive bidding process. The Bureau does not propose a separate reserve price for the licenses to be offered in Auction 89.

**a. 218-219 MHz Licenses**

46. For 218-219 MHz licenses offered in Auction 89, the Bureau proposes to calculate minimum opening bid amounts on a license-by-license basis using a formula based on bandwidth and license area population:<sup>36</sup>

$\$.01 * \text{MHz} * \text{license area population}$  with a minimum of \$500 per license<sup>37</sup>

47. The resulting minimum opening bid amount proposed for each 218-219 MHz license available in Auction 89 is set forth in Attachment A of this Public Notice.

**b. 220 MHz Licenses**

48. For 220 MHz licenses offered in Auction 89, the Bureau proposes to calculate minimum opening bid amounts on a license-by-license basis as follows:

EA Licenses	\$500 per license
EAG Licenses	$\$.01 * \text{MHz} * \text{license area population}$ <sup>38</sup>

49. The minimum opening bid amount proposed for each 220 MHz license available in Auction 89 is set forth in Attachment A of this Public Notice.

50. The Bureau seeks comment on all of the above proposals concerning minimum opening bids. If commenters believe that these minimum opening bid amounts will deter substantial numbers of bidders from placing bids on licenses, or are not reasonable amounts, or should instead operate as a reserve price, they should explain why this is so, and comment on the desirability of an alternative approach. Commenters are advised to support their claims with valuation analyses and suggested reserve prices or minimum opening bid amount levels or formulas. In establishing minimum opening bid amounts, we particularly seek comment on such factors as the amount of spectrum being auctioned, levels of incumbency within these spectrum bands, the availability of technology to provide service, the size of the service areas, issues of interference with other spectrum bands and any other relevant factors that could reasonably have an impact on valuation of the licenses being auctioned. The Bureau seeks comment on this approach, and on whether, consistent with Section 309(j), the public interest would be served by having no minimum opening bid amount or reserve price.

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<sup>36</sup> All population figures are from the 2000 U.S. Census, U.S. Department of Commerce, Bureau of the Census. *See* Census 2000 Summary File 1 and July 3, 2001, News Releases covering the U.S. Virgin Islands, Guam, the Northern Mariana Islands, and American Samoa.

<sup>37</sup> Results are rounded using our standard rounding procedure: results above \$10,000 are rounded to the nearest \$1,000; results below \$10,000 but above \$1,000 are rounded to the nearest \$100; and results below \$1,000 are rounded to the nearest \$10.

<sup>38</sup> *See* notes 36 and 37 (concerning population figures and rounding), above.

## 5. Bid Amounts

51. The Bureau proposes that, in each round, eligible bidders be able to place a bid on a given license using one or more pre-defined bid amounts.<sup>39</sup> Under this proposal, the FCC Auction System interface will list the acceptable bid amounts for each license.<sup>40</sup> The Bureau proposes to calculate bid amounts as described below.

### a. Minimum Acceptable Bids

52. The first of the acceptable bid amounts is called the minimum acceptable bid amount. The minimum acceptable bid amount for a license will be equal to its minimum opening bid amount until there is a provisionally winning bid on the license. After there is a provisionally winning bid for a license, the minimum acceptable bid amount for that license will be equal to the amount of the provisionally winning bid plus a percentage of that bid amount calculated using the formula described below. In general, the percentage will be higher for a license receiving many bids than for a license receiving few bids. In the case of a license for which the provisionally winning bid has been withdrawn, the minimum acceptable bid amount will equal the second highest bid received for the license.<sup>41</sup>

53. The percentage of the provisionally winning bid used to establish the minimum acceptable bid amount (“the additional percentage”) is calculated at the end of each round, based on an activity index. The activity index is a weighted average of (a) the number of distinct bidders placing a bid on the license, and (b) the activity index from the prior round. Specifically, the activity index is equal to a weighting factor times the number of bidders placing a bid covering the license in the most recent bidding round plus one minus the weighting factor times the activity index from the prior round.<sup>42</sup> The additional percentage is determined as one plus the activity index times a minimum percentage amount, with the result not to exceed a given maximum. The additional percentage is then multiplied by the provisionally winning bid amount to obtain the minimum acceptable bid for the next round.<sup>43</sup> The Bureau proposes initially to set the weighting factor at 0.5, the minimum percentage at 0.1 (10%), and the maximum percentage at 0.3 (30%). Hence, at these initial settings, the minimum acceptable bid for a license will be between ten percent and thirty percent higher than the provisionally winning bid, depending upon the bidding activity for the license. Equations and examples are shown in Attachment B.

### b. Additional Bid Amounts

54. The Bureau proposes to allow no additional bid amounts per license. Thus, the minimum acceptable bid would be the only bid amount available in the FCC Auction System interface for each license. The Bureau seeks comment on this proposal. The Bureau also seeks comment on whether, in the alternative, to allow more bid amounts per license in a given round, and if so, how many – up to a maximum of eight additional bid amounts (for a total of nine bid

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<sup>39</sup> Bidders must have sufficient eligibility to place a bid on the particular license. *See* Section III.C.1. “Upfront Payments and Bidding Eligibility,” above.

<sup>40</sup> In the event of duplicate bid amounts due to rounding, the FCC Auction System will omit the duplicates and will list fewer acceptable bid amounts for the license.

<sup>41</sup> *See* Section III.C.8. “Bid Withdrawal,” below.

<sup>42</sup> For Round 1 calculations, because there is no prior round (*i.e.*, no round 0), the activity index from the prior round is set at 0.

<sup>43</sup> *See* note 37 (concerning rounding), above.

amounts). In particular, commenters should address the issue of additional bid amounts in light of particular circumstances of Auction 89, including the nature of the license inventory.

55. If the Bureau allows additional bid amounts, it proposes to calculate any additional bid amounts using the minimum acceptable bid amount and a bid increment percentage – more specifically, by multiplying the minimum acceptable bid by one plus successively higher multiples of the bid increment percentage. If, for example, the bid increment percentage is five percent, the calculation of the first additional acceptable bid amount is (minimum acceptable bid amount) \* (1 + 0.05), or (minimum acceptable bid amount) \* 1.05; the second additional acceptable bid amount equals the minimum acceptable bid amount times one plus two times the bid increment percentage, or (minimum acceptable bid amount) \* 1.1, etc.<sup>44</sup> If the Bureau allows additional bid amounts, it proposes to set the bid increment percentage at 0.05 (5%).

56. The Bureau retains the discretion to change the minimum acceptable bid amounts, the number of acceptable bid amounts, the additional bid amounts, and the parameters of the formulas used to calculate minimum acceptable bid amounts and additional bid amounts if the Bureau determines that circumstances so dictate. Further, the Bureau retains the discretion to make such changes on a license-by-license basis.

57. The Bureau also retains the discretion to limit (a) the amount by which a minimum acceptable bid for a license may increase compared with the corresponding provisionally winning bid, and (b) the amount by which any additional bid amount may increase compared with the immediately preceding acceptable bid amount. For example, the Bureau could set a \$1 million limit on increases in minimum acceptable bid amounts over provisionally winning bids. Thus, if the activity-based formula calculates a minimum acceptable bid amount that is \$2 million higher than the provisionally winning bid on a license, the minimum acceptable bid amount would instead be capped at \$1 million above the provisionally winning bid. We seek comment on the circumstances under which the Bureau should employ such a limit, factors we should consider when determining the dollar amount of the limit, and the tradeoffs in setting such a limit or changing parameters of the activity-based formula, such as changing the minimum percentage. If the Bureau exercises this discretion, it will alert bidders by announcement in the FCC Auction System.

58. The Bureau seeks comment on the above proposals. Commenters may wish to address the role of the minimum acceptable bids and the number of acceptable bid amounts in managing the pace of the auction and the tradeoffs in managing auction pace by changing the bidding schedule, activity requirements, or bid amount parameters, or by using other means.

## **6. Provisionally Winning Bids**

59. Provisionally winning bids are bids that would become final winning bids if the auction were to close in that given round. At the end of a bidding round, a provisionally winning bid for each license will be determined based on the highest bid amount received for the license. In the event of identical high bid amounts being submitted on a license in a given round (i.e., tied bids), we will use a random number generator to select a single provisionally winning bid from among the tied bids. (Each bid is assigned a random number, and the tied bid with the highest random number wins the tiebreaker.) The remaining bidders, as well as the provisionally winning bidder, can submit higher bids in subsequent rounds. However, if the auction were to

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<sup>44</sup> See note 37 (concerning rounding), above.

end with no other bids being placed, the winning bidder would be the one that placed the provisionally winning bid. If any bids are received on the license in a subsequent round, the provisionally winning bid again will be determined by the highest bid amount received for the license.

60. A provisionally winning bid will remain the provisionally winning bid until there is a higher bid on the license at the close of a subsequent round, unless the provisionally winning bid is withdrawn. Bidders are reminded that provisionally winning bids count toward activity for purposes of the activity rule.<sup>45</sup>

## **7. Bid Removal**

61. For Auction 89, the Bureau proposes and seeks comment on the following bid removal procedures. Before the close of a bidding round, a bidder has the option of removing any bid placed in that round. By removing selected bids in the FCC Auction System, a bidder may effectively “undo” any of its bids placed within that round. In contrast to the bid withdrawal provisions described below, a bidder removing a bid placed in the same round is not subject to a withdrawal payment. Once a round closes, a bidder may no longer remove a bid.

## **8. Bid Withdrawal**

62. A bidder may withdraw its provisionally winning bids using the “withdraw bids” function in the FCC Auction System. A bidder that withdraws its provisionally winning bid(s) is subject to the bid withdrawal payment provisions of the Commission rules.<sup>46</sup>

63. In the *Part 1 Third Report and Order*, the Commission explained that allowing bid withdrawals facilitates efficient aggregation of licenses and the pursuit of backup strategies as information becomes available during the course of an auction.<sup>47</sup> The Commission noted, however, that in some instances bidders may seek to withdraw bids for improper reasons. The Bureau, therefore, has discretion in managing the auction to limit the number of withdrawals to prevent any bidding abuses. The Commission stated that the Bureau should assertively exercise its discretion, consider limiting the number of rounds in which bidders may withdraw bids, and prevent bidders from bidding on a particular license or geographic area if the Bureau finds that a bidder is abusing the Commission’s bid withdrawal procedures.<sup>48</sup>

64. For Auction 89, we propose to limit each bidder to withdrawing provisionally winning bids in only one round during the course of the auction. To permit a bidder to withdraw bids in more than one round may encourage insincere bidding or the use of withdrawals for anti-competitive purposes. The round in which withdrawals may be used will be at the bidder’s discretion, and there is no limit on the number of provisionally winning bids that may be withdrawn during that round. Withdrawals must be in accordance with the Commission’s rules, and are subject to the bid withdrawal payment provisions specified in section 1.2104(g).<sup>49</sup> The Bureau seeks comment on these bid withdrawal procedures. If commenters believe that each bidder should be allowed to withdraw provisionally winning bids in more than one round during

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<sup>45</sup> See Section III.C.2. “Activity Rule,” above.

<sup>46</sup> 47 C.F.R. §§ 1.2104(g) and 1.2109.

<sup>47</sup> *Part 1 Third Report and Order*, 13 FCC Rcd at 459-60 ¶ 150.

<sup>48</sup> *Id.*

<sup>49</sup> See 47 C.F.R. § 1.2104(g).

the course of the auction, or should not be permitted to withdraw any bids, they should state how many bid withdrawal rounds they seek and explain what specific factors lead them to that conclusion.

#### **D. Post-Auction Procedures**

##### **1. Establishing the Interim Withdrawal Payment Percentage**

65. We seek comment on the appropriate percentage of a withdrawn bid that should be assessed as an interim withdrawal payment in the event that a final withdrawal payment cannot be determined at the close of the auction. In general, the Commission's rules provide that a bidder that withdraws a bid during an auction is subject to a withdrawal payment equal to the difference between the amount of the withdrawn bid and the amount of the winning bid in the same or subsequent auction(s).<sup>50</sup> If a bid is withdrawn and no subsequent higher bid is placed and/or the license is not won in the same auction, the final withdrawal payment cannot be calculated until after the close of a subsequent auction in which a higher bid for the license (or the equivalent to the license) is placed or the license is won.<sup>51</sup> When that final payment cannot yet be calculated, the bidder that withdrew the bid is assessed an interim bid withdrawal payment, which will be applied toward any final bid withdrawal payment that is ultimately assessed.<sup>52</sup> Section 1.2104(g)(1) of the Commission rules requires that the percentage of the withdrawn bid to be assessed as an interim bid withdrawal payment be between three percent and twenty percent and that it be set in advance of the auction.<sup>53</sup>

66. The Commission has determined that the level of the interim withdrawal payment in a particular auction will be based on the nature of the service and the inventory of the licenses being offered.<sup>54</sup> The Commission has noted that it may impose a higher interim withdrawal payment percentage to deter the anti-competitive use of withdrawals when, for example, bidders likely will not need to aggregate the licenses being offered in the auction, such as when few licenses are offered that are on adjacent frequencies or in adjacent areas, or when there are few synergies to be captured by combining licenses.<sup>55</sup>

67. With respect to the licenses being offered in Auction 89, the service rules permit a variety of fixed, mobile, and paging services, though the opportunities for combining licenses on adjacent frequencies or in adjacent areas are limited in some cases. Balancing the potential need for bidders to use withdrawals to avoid winning incomplete combinations of licenses with the Bureau's interest in deterring undesirable strategic use of withdrawals, the Bureau proposes a percentage below the maximum twenty percent permitted under the current rules but above the three percent previously provided by the Commission's rules. Specifically, the Bureau proposes

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<sup>50</sup> See 47 C.F.R. § 1.2104(g)(1). The withdrawal payment amount is deducted from any upfront payments or down payments that the withdrawing bidder has deposited with the Commission. No withdrawal payment is assessed for a withdrawn bid if either the subsequent winning bid or any of the intervening subsequent withdrawn bids equals or exceeds that withdrawn bid. *Id.*

<sup>51</sup> *Id.*

<sup>52</sup> *Id.*

<sup>53</sup> See *id.*, as amended by Implementation of the Commercial Spectrum Enhancement Act and Modernization of the Commission's Competitive Bidding Rules and Procedures, WT Docket No. 05-211, *Report and Order*, FCC 06-4, 21 FCC Rcd 891, 903 ¶ 30 (2006) ("CSEA/Part 1 Report and Order").

<sup>54</sup> See CSEA/Part 1 Report and Order, 21 FCC Rcd at 903-04 ¶ 31.

<sup>55</sup> See *id.* at 904 n.57.

to establish an interim bid withdrawal payment of ten percent of the withdrawn bid for this auction. The Bureau seeks comment on this proposal. If commenters advocate the use of a different percentage they should provide relevant support including information on the likelihood that bidders will need to aggregate licenses on adjacent frequencies or in adjacent areas.

## 2. Establishing the Additional Default Payment Percentage

68. Any winning bidder that, after the close of an auction, defaults – by, for example, failing to remit the required down payment within the prescribed period of time, failing to submit a timely long-form application, or failing to make full payment – or is otherwise disqualified is liable for a default payment under section 1.2104(g)(2) of the Commission’s rules.<sup>56</sup> This payment consists of a deficiency payment, equal to the difference between the amount of the bidder’s bid and the amount of the winning bid the next time a license covering the same spectrum is won in an auction, plus an additional payment equal to a percentage of the defaulter’s bid or of the subsequent winning bid, whichever is less.

69. Under section 1.2104(g)(2), the Commission will, in advance of each auction without combinatorial or package bidding, establish an additional default payment for that auction of three percent up to a maximum of twenty percent.<sup>57</sup> The level of this payment in each case will be based on the nature of the service and the inventory of the licenses being offered.<sup>58</sup>

70. For Auction 89, the Bureau proposes to establish an additional default payment of fifteen percent. As noted in the *CSEA/Part 1 Report and Order*, defaults weaken the integrity of the auction process and impede the deployment of service to the public, and an additional default payment of more than three percent will be more effective in deterring defaults. Given the history of these services and the inventory of the licenses being offered in Auction 89, we believe that an additional default payment percentage of fifteen percent will provide a sufficient deterrent to defaults. The Bureau seeks comment on this proposal.

## IV. COMMENTS AND EX PARTE RULES

71. Comments are due on or before June 15, 2010, and reply comments are due on or before June 29, 2010. All filings related to the auction of these 218-219 MHz and Phase II 220 MHz Services licenses (Auction 89) should refer to AU Docket No. 10-107. Comments may be submitted using the Commission’s Electronic Comment Filing System (“ECFS”) or by filing paper copies.<sup>59</sup> The Bureau strongly encourages interested parties to file comments electronically, and requests submission of a copy via the Auction 89 e-mail box (auction89@fcc.gov).

72. Electronic Filers: Comments may be filed electronically using the Internet by accessing the ECFS at <http://www.fcc.gov/cgb/ecfs/>. Filers should follow the instructions provided on the website for submitting comments. In completing the transmittal screen, filers should include their full name, U.S. Postal Service mailing address, and AU Docket No. 10-107. Parties may also submit an electronic comment by Internet e-mail. To get filing instructions,

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<sup>56</sup> 47 C.F.R. § 1.2104(g)(2).

<sup>57</sup> *Id.*

<sup>58</sup> See *CSEA/Part 1 Report and Order*, 21 FCC Rcd at 903-04 ¶¶ 30-31.

<sup>59</sup> See Electronic Filing of Documents in Rulemaking Proceedings, GC Docket No. 97-113, *Report and Order*, FCC 98-56, 13 FCC Rcd 11,322 (1998).

filers should send an e-mail to [ecfs@fcc.gov](mailto:ecfs@fcc.gov), and include “get form” in the body of the message. A sample form and directions will be sent in response.

73. Paper Filers: Parties who choose to file by paper must file an original and four copies of each filing. Filings can be sent by hand or messenger delivery, by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission’s Secretary Attn: WTB/ASAD, Office of the Secretary, Federal Communications Commission, and should reference AU Docket No. 10-107.

- The Commission’s contractor will receive hand-delivered or messenger-delivered paper filings for the Commission’s Secretary at the FCC Headquarters building located at 445 12th Street, SW, Room TW-A325, Washington DC 20554. The filing hours at this location are 8:00 a.m. to 7:00 p.m. Eastern Time (ET). All hand deliveries must be held together with rubber bands or fasteners. Any envelopes must be disposed of before entering the building.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9300 East Hampton Drive, Capitol Heights, MD 20743.
- U.S. Postal Service first-class, Express, and Priority mail should be addressed to 445 12th Street, SW, Washington DC 20554.

74. Auction 89 E-mail Box: The Bureau also requests that a copy of all comments and reply comments be submitted electronically to the following address: [auction89@fcc.gov](mailto:auction89@fcc.gov).

75. Copies of comments and reply comments will be available for public inspection and copying between 8:00 a.m. and 4:30 p.m. ET Monday through Thursday or 8:00 a.m. to 11:30 a.m. ET on Fridays in the FCC Reference Information Center, Room CY-A257, 445 12th Street, SW, Washington, DC 20554, and will also be accessible through the search function on the ECFS web page at <http://www.fcc.gov/cgb/ecfs/>. A paper copy of any document relating to Auction 89 may also be purchased from the Commission’s duplicating contractor, Best Copy and Printing, Inc. (“BCPI”), 445 12th Street, SW, Room CY-B402, Washington, DC 20554, 800-378-3160, or at <http://www.bcpweb.com>.<sup>60</sup>

76. This proceeding has been designated as a “permit-but-disclose” proceeding in accordance with the Commission’s ex parte rules.<sup>61</sup> Persons making oral ex parte presentations are reminded that memoranda summarizing the presentations must contain summaries of the substance of the presentations and not merely a listing of the subjects discussed. More than a one or two sentence description of the views and arguments presented is generally required. Other rules pertaining to oral and written ex parte presentations in permit-but-disclose proceedings are set forth in section 1.1206(b) of the Commission’s rules.<sup>62</sup>

## V. CONTACTS

77. For further information concerning this proceeding, contact the Wireless Telecommunications Bureau, as listed below:

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<sup>60</sup> When ordering documents from BCPI, please provide the appropriate FCC document number (for example, DA 10-849 for this Public Notice).

<sup>61</sup> 47 C.F.R. §§ 1.1200(a), 1.1206.

<sup>62</sup> 47 C.F.R. § 1.1206(b).

**Mobility Division, Wireless Telecommunications Bureau**

For service rule questions: Michael Connelly (legal) or Melvin Spann (technical), at (202) 418-0620

**Auctions and Spectrum Access Division, Wireless Telecommunications Bureau**

For general auction questions: Debbie Smith or Lisa Stover at (717) 338-2868  
For auctions legal questions: Sayuri Rajapakse at (202) 418-0660

78. To request materials in accessible formats (Braille, large print, electronic files, audio format) for people with disabilities, send an e-mail to [fcc504@fcc.gov](mailto:fcc504@fcc.gov) or call the Consumer and Governmental Affairs Bureau at (202) 418-0530 or (202) 418-0432 (TTY).

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**Auction 89**  
**DA 10-849**  
**Attachment A — 218-219 MHz**

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA005-A	Detroit-Ann Arbor, MI	CMA005	A	500	4,775,452	24,000	\$24,000	\$24,000
ZV-CMA005-B	Detroit-Ann Arbor, MI	CMA005	B	500	4,775,452	24,000	\$24,000	\$24,000
ZV-CMA006-A	Boston-Brockton-Lowell, MA-NH	CMA006	A	500	4,279,111	21,000	\$21,000	\$21,000
ZV-CMA006-B	Boston-Brockton-Lowell, MA-NH	CMA006	B	500	4,279,111	21,000	\$21,000	\$21,000
ZV-CMA007-A	San Francisco-Oakland, CA	CMA007	A	500	4,123,740	21,000	\$21,000	\$21,000
ZV-CMA007-B	San Francisco-Oakland, CA	CMA007	B	500	4,123,740	21,000	\$21,000	\$21,000
ZV-CMA011-A	St. Louis, MO-IL	CMA011	A	500	2,518,470	13,000	\$13,000	\$13,000
ZV-CMA012-A	Miami-Fort Lauderdale, FL	CMA012	A	500	3,876,380	19,000	\$19,000	\$19,000
ZV-CMA013-A	Pittsburgh, PA	CMA013	A	500	2,035,968	10,000	\$10,000	\$10,000
ZV-CMA013-B	Pittsburgh, PA	CMA013	B	500	2,035,968	10,000	\$10,000	\$10,000
ZV-CMA014-A	Baltimore, MD	CMA014	A	500	2,512,431	13,000	\$13,000	\$13,000
ZV-CMA014-B	Baltimore, MD	CMA014	B	500	2,512,431	13,000	\$13,000	\$13,000
ZV-CMA015-A	Minneapolis-St. Paul, MN-WI	CMA015	A	500	2,836,298	14,000	\$14,000	\$14,000
ZV-CMA015-B	Minneapolis-St. Paul, MN-WI	CMA015	B	500	2,836,298	14,000	\$14,000	\$14,000
ZV-CMA016-A	Cleveland, OH	CMA016	A	500	1,863,479	9,300	\$9,300	\$9,300
ZV-CMA016-B	Cleveland, OH	CMA016	B	500	1,863,479	9,300	\$9,300	\$9,300
ZV-CMA017-A	Atlanta, GA	CMA017	A	500	3,751,674	19,000	\$19,000	\$19,000
ZV-CMA017-B	Atlanta, GA	CMA017	B	500	3,751,674	19,000	\$19,000	\$19,000
ZV-CMA018-A	San Diego, CA	CMA018	A	500	2,813,833	14,000	\$14,000	\$14,000
ZV-CMA018-B	San Diego, CA	CMA018	B	500	2,813,833	14,000	\$14,000	\$14,000
ZV-CMA019-A	Denver-Boulder, CO	CMA019	A	500	2,405,327	12,000	\$12,000	\$12,000
ZV-CMA020-A	Seattle-Everett, WA	CMA020	A	500	2,343,058	12,000	\$12,000	\$12,000
ZV-CMA020-B	Seattle-Everett, WA	CMA020	B	500	2,343,058	12,000	\$12,000	\$12,000
ZV-CMA021-A	Milwaukee, WI	CMA021	A	500	1,500,741	7,500	\$7,500	\$7,500
ZV-CMA021-B	Milwaukee, WI	CMA021	B	500	1,500,741	7,500	\$7,500	\$7,500
ZV-CMA022-A	Tampa-St. Petersburg, FL	CMA022	A	500	2,265,195	11,000	\$11,000	\$11,000
ZV-CMA022-B	Tampa-St. Petersburg, FL	CMA022	B	500	2,265,195	11,000	\$11,000	\$11,000
ZV-CMA023-A	Cincinnati, OH-KY-IN	CMA023	A	500	1,553,843	7,800	\$7,800	\$7,800
ZV-CMA023-B	Cincinnati, OH-KY-IN	CMA023	B	500	1,553,843	7,800	\$7,800	\$7,800
ZV-CMA024-A	Kansas City, MO-KS	CMA024	A	500	1,627,081	8,100	\$8,100	\$8,100
ZV-CMA024-B	Kansas City, MO-KS	CMA024	B	500	1,627,081	8,100	\$8,100	\$8,100
ZV-CMA025-A	Buffalo, NY	CMA025	A	500	1,170,111	5,900	\$5,900	\$5,900
ZV-CMA025-B	Buffalo, NY	CMA025	B	500	1,170,111	5,900	\$5,900	\$5,900
ZV-CMA026-A	Phoenix, AZ	CMA026	A	500	3,072,149	15,000	\$15,000	\$15,000
ZV-CMA026-B	Phoenix, AZ	CMA026	B	500	3,072,149	15,000	\$15,000	\$15,000
ZV-CMA027-A	San Jose, CA	CMA027	A	500	1,682,585	8,400	\$8,400	\$8,400
ZV-CMA027-B	San Jose, CA	CMA027	B	500	1,682,585	8,400	\$8,400	\$8,400
ZV-CMA028-A	Indianapolis, IN	CMA028	A	500	1,474,128	7,400	\$7,400	\$7,400
ZV-CMA029-A	New Orleans, LA	CMA029	A	500	1,198,637	6,000	\$6,000	\$6,000
ZV-CMA029-B	New Orleans, LA	CMA029	B	500	1,198,637	6,000	\$6,000	\$6,000
ZV-CMA030-A	Portland, OR-WA	CMA030	A	500	1,789,457	8,900	\$8,900	\$8,900
ZV-CMA030-B	Portland, OR-WA	CMA030	B	500	1,789,457	8,900	\$8,900	\$8,900
ZV-CMA031-A	Columbus, OH	CMA031	A	500	1,394,666	7,000	\$7,000	\$7,000
ZV-CMA032-A	Hartford-Bristol, CT	CMA032	A	500	1,148,618	5,700	\$5,700	\$5,700
ZV-CMA032-B	Hartford-Bristol, CT	CMA032	B	500	1,148,618	5,700	\$5,700	\$5,700
ZV-CMA033-A	San Antonio, TX	CMA033	A	500	1,559,975	7,800	\$7,800	\$7,800
ZV-CMA033-B	San Antonio, TX	CMA033	B	500	1,559,975	7,800	\$7,800	\$7,800
ZV-CMA034-A	Rochester, NY	CMA034	A	500	1,037,831	5,200	\$5,200	\$5,200
ZV-CMA034-B	Rochester, NY	CMA034	B	500	1,037,831	5,200	\$5,200	\$5,200
ZV-CMA035-A	Sacramento, CA	CMA035	A	500	1,640,558	8,200	\$8,200	\$8,200
ZV-CMA035-B	Sacramento, CA	CMA035	B	500	1,640,558	8,200	\$8,200	\$8,200
ZV-CMA036-A	Memphis, TN-AR-MS	CMA036	A	500	1,106,808	5,500	\$5,500	\$5,500
ZV-CMA036-B	Memphis, TN-AR-MS	CMA036	B	500	1,106,808	5,500	\$5,500	\$5,500
ZV-CMA037-A	Louisville, KY-IN	CMA037	A	500	968,313	4,800	\$4,800	\$4,800
ZV-CMA037-B	Louisville, KY-IN	CMA037	B	500	968,313	4,800	\$4,800	\$4,800
ZV-CMA038-A	Providence-Warwick, RI	CMA038	A	500	962,886	4,800	\$4,800	\$4,800
ZV-CMA038-B	Providence-Warwick, RI	CMA038	B	500	962,886	4,800	\$4,800	\$4,800

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA039-A	Salt Lake City-Ogden, UT	CMA039	A	500	1,374,649	6,900	\$6,900	\$6,900
ZV-CMA039-B	Salt Lake City-Ogden, UT	CMA039	B	500	1,374,649	6,900	\$6,900	\$6,900
ZV-CMA040-A	Dayton, OH	CMA040	A	500	848,153	4,200	\$4,200	\$4,200
ZV-CMA040-B	Dayton, OH	CMA040	B	500	848,153	4,200	\$4,200	\$4,200
ZV-CMA041-A	Birmingham, AL	CMA041	A	500	940,795	4,700	\$4,700	\$4,700
ZV-CMA041-B	Birmingham, AL	CMA041	B	500	940,795	4,700	\$4,700	\$4,700
ZV-CMA042-A	Bridgeport-Stamford-Danbury CT	CMA042	A	500	882,567	4,400	\$4,400	\$4,400
ZV-CMA042-B	Bridgeport-Stamford-Danbury CT	CMA042	B	500	882,567	4,400	\$4,400	\$4,400
ZV-CMA043-A	Norfolk-Virginia Beach, VA-NC	CMA043	A	500	1,041,276	5,200	\$5,200	\$5,200
ZV-CMA043-B	Norfolk-Virginia Beach, VA-NC	CMA043	B	500	1,041,276	5,200	\$5,200	\$5,200
ZV-CMA044-A	Albany-Schenectady-Troy, NY	CMA044	A	500	844,001	4,200	\$4,200	\$4,200
ZV-CMA044-B	Albany-Schenectady-Troy, NY	CMA044	B	500	844,001	4,200	\$4,200	\$4,200
ZV-CMA045-A	Oklahoma City, OK	CMA045	A	500	1,049,422	5,200	\$5,200	\$5,200
ZV-CMA045-B	Oklahoma City, OK	CMA045	B	500	1,049,422	5,200	\$5,200	\$5,200
ZV-CMA046-A	Nashville-Davidson, TN	CMA046	A	500	1,231,311	6,200	\$6,200	\$6,200
ZV-CMA046-B	Nashville-Davidson, TN	CMA046	B	500	1,231,311	6,200	\$6,200	\$6,200
ZV-CMA047-A	Greensboro-Winston-Salem, NC	CMA047	A	500	1,085,874	5,400	\$5,400	\$5,400
ZV-CMA047-B	Greensboro-Winston-Salem, NC	CMA047	B	500	1,085,874	5,400	\$5,400	\$5,400
ZV-CMA048-A	Toledo, OH-MI	CMA048	A	500	805,133	4,000	\$4,000	\$4,000
ZV-CMA049-A	New Haven-Waterbury-Meriden CT	CMA049	A	500	824,008	4,100	\$4,100	\$4,100
ZV-CMA049-B	New Haven-Waterbury-Meriden CT	CMA049	B	500	824,008	4,100	\$4,100	\$4,100
ZV-CMA050-A	Honolulu, HI	CMA050	A	500	876,156	4,400	\$4,400	\$4,400
ZV-CMA050-B	Honolulu, HI	CMA050	B	500	876,156	4,400	\$4,400	\$4,400
ZV-CMA051-A	Jacksonville, FL	CMA051	A	500	1,122,750	5,600	\$5,600	\$5,600
ZV-CMA051-B	Jacksonville, FL	CMA051	B	500	1,122,750	5,600	\$5,600	\$5,600
ZV-CMA052-A	Akron, OH	CMA052	A	500	694,960	3,500	\$3,500	\$3,500
ZV-CMA052-B	Akron, OH	CMA052	B	500	694,960	3,500	\$3,500	\$3,500
ZV-CMA053-A	Syracuse, NY	CMA053	A	500	650,154	3,300	\$3,300	\$3,300
ZV-CMA053-B	Syracuse, NY	CMA053	B	500	650,154	3,300	\$3,300	\$3,300
ZV-CMA054-B	Gary-Hammond-East Chicago, IN	CMA054	B	500	631,362	3,200	\$3,200	\$3,200
ZV-CMA055-A	Worcester-Leominster, MA	CMA055	A	500	750,963	3,800	\$3,800	\$3,800
ZV-CMA055-B	Worcester-Leominster, MA	CMA055	B	500	750,963	3,800	\$3,800	\$3,800
ZV-CMA056-A	Northeast Pennsylvania, PA	CMA056	A	500	671,232	3,400	\$3,400	\$3,400
ZV-CMA056-B	Northeast Pennsylvania, PA	CMA056	B	500	671,232	3,400	\$3,400	\$3,400
ZV-CMA057-A	Tulsa, OK	CMA057	A	500	841,604	4,200	\$4,200	\$4,200
ZV-CMA057-B	Tulsa, OK	CMA057	B	500	841,604	4,200	\$4,200	\$4,200
ZV-CMA058-A	Allentown-Bethlehem, PA-NJ	CMA058	A	500	740,395	3,700	\$3,700	\$3,700
ZV-CMA058-B	Allentown-Bethlehem, PA-NJ	CMA058	B	500	740,395	3,700	\$3,700	\$3,700
ZV-CMA059-A	Richmond, VA	CMA059	A	500	865,941	4,300	\$4,300	\$4,300
ZV-CMA059-B	Richmond, VA	CMA059	B	500	865,941	4,300	\$4,300	\$4,300
ZV-CMA060-A	Orlando, FL	CMA060	A	500	1,434,033	7,200	\$7,200	\$7,200
ZV-CMA060-B	Orlando, FL	CMA060	B	500	1,434,033	7,200	\$7,200	\$7,200
ZV-CMA061-A	Charlotte-Gastonia, NC	CMA061	A	500	1,009,496	5,000	\$5,000	\$5,000
ZV-CMA061-B	Charlotte-Gastonia, NC	CMA061	B	500	1,009,496	5,000	\$5,000	\$5,000
ZV-CMA062-A	New Brunswick-Perth Amboy, NJ	CMA062	A	500	750,162	3,800	\$3,800	\$3,800
ZV-CMA062-B	New Brunswick-Perth Amboy, NJ	CMA062	B	500	750,162	3,800	\$3,800	\$3,800
ZV-CMA063-A	Springfield-Holyoke, MA	CMA063	A	500	608,479	3,000	\$3,000	\$3,000
ZV-CMA063-B	Springfield-Holyoke, MA	CMA063	B	500	608,479	3,000	\$3,000	\$3,000
ZV-CMA064-A	Grand Rapids, MI	CMA064	A	500	812,649	4,100	\$4,100	\$4,100
ZV-CMA064-B	Grand Rapids, MI	CMA064	B	500	812,649	4,100	\$4,100	\$4,100
ZV-CMA065-A	Omaha, NE-IA	CMA065	A	500	673,884	3,400	\$3,400	\$3,400
ZV-CMA066-A	Youngstown-Warren, OH	CMA066	A	500	482,671	2,400	\$2,400	\$2,400
ZV-CMA066-B	Youngstown-Warren, OH	CMA066	B	500	482,671	2,400	\$2,400	\$2,400
ZV-CMA067-A	Greenville-Spartanburg, SC	CMA067	A	500	744,164	3,700	\$3,700	\$3,700
ZV-CMA067-B	Greenville-Spartanburg, SC	CMA067	B	500	744,164	3,700	\$3,700	\$3,700
ZV-CMA068-A	Flint, MI	CMA068	A	500	507,828	2,500	\$2,500	\$2,500
ZV-CMA069-A	Wilmington, DE-NJ-MD	CMA069	A	500	650,501	3,300	\$3,300	\$3,300
ZV-CMA069-B	Wilmington, DE-NJ-MD	CMA069	B	500	650,501	3,300	\$3,300	\$3,300
ZV-CMA070-A	Long Branch-Asbury Park, NJ	CMA070	A	500	615,301	3,100	\$3,100	\$3,100
ZV-CMA070-B	Long Branch-Asbury Park, NJ	CMA070	B	500	615,301	3,100	\$3,100	\$3,100
ZV-CMA071-A	Raleigh-Durham, NC	CMA071	A	500	969,387	4,800	\$4,800	\$4,800
ZV-CMA071-B	Raleigh-Durham, NC	CMA071	B	500	969,387	4,800	\$4,800	\$4,800

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA072-A	West Palm Beach-Boca Raton, FL	CMA072	A	500	1,131,184	5,700	\$5,700	\$5,700
ZV-CMA072-B	West Palm Beach-Boca Raton, FL	CMA072	B	500	1,131,184	5,700	\$5,700	\$5,700
ZV-CMA073-A	Oxnard-Simi Valley-Ventura, CA	CMA073	A	500	753,197	3,800	\$3,800	\$3,800
ZV-CMA073-B	Oxnard-Simi Valley-Ventura, CA	CMA073	B	500	753,197	3,800	\$3,800	\$3,800
ZV-CMA074-A	Fresno, CA	CMA074	A	500	799,407	4,000	\$4,000	\$4,000
ZV-CMA074-B	Fresno, CA	CMA074	B	500	799,407	4,000	\$4,000	\$4,000
ZV-CMA075-B	Austin, TX	CMA075	B	500	1,159,836	5,800	\$5,800	\$5,800
ZV-CMA076-A	New Bedford-Fall River, MA	CMA076	A	500	534,678	2,700	\$2,700	\$2,700
ZV-CMA076-B	New Bedford-Fall River, MA	CMA076	B	500	534,678	2,700	\$2,700	\$2,700
ZV-CMA077-B	Tucson, AZ	CMA077	B	500	843,746	4,200	\$4,200	\$4,200
ZV-CMA078-A	Lansing-East Lansing, MI	CMA078	A	500	509,246	2,500	\$2,500	\$2,500
ZV-CMA078-B	Lansing-East Lansing, MI	CMA078	B	500	509,246	2,500	\$2,500	\$2,500
ZV-CMA079-A	Knoxville, TN	CMA079	A	500	576,993	2,900	\$2,900	\$2,900
ZV-CMA079-B	Knoxville, TN	CMA079	B	500	576,993	2,900	\$2,900	\$2,900
ZV-CMA080-A	Baton Rouge, LA	CMA080	A	500	602,894	3,000	\$3,000	\$3,000
ZV-CMA080-B	Baton Rouge, LA	CMA080	B	500	602,894	3,000	\$3,000	\$3,000
ZV-CMA081-A	El Paso, TX	CMA081	A	500	679,622	3,400	\$3,400	\$3,400
ZV-CMA081-B	El Paso, TX	CMA081	B	500	679,622	3,400	\$3,400	\$3,400
ZV-CMA082-A	Tacoma, WA	CMA082	A	500	700,820	3,500	\$3,500	\$3,500
ZV-CMA082-B	Tacoma, WA	CMA082	B	500	700,820	3,500	\$3,500	\$3,500
ZV-CMA083-A	Mobile, AL	CMA083	A	500	540,258	2,700	\$2,700	\$2,700
ZV-CMA083-B	Mobile, AL	CMA083	B	500	540,258	2,700	\$2,700	\$2,700
ZV-CMA084-A	Harrisburg, PA	CMA084	A	500	509,074	2,500	\$2,500	\$2,500
ZV-CMA084-B	Harrisburg, PA	CMA084	B	500	509,074	2,500	\$2,500	\$2,500
ZV-CMA085-A	Johnson City-Kingsport, TN-VA	CMA085	A	500	480,091	2,400	\$2,400	\$2,400
ZV-CMA085-B	Johnson City-Kingsport, TN-VA	CMA085	B	500	480,091	2,400	\$2,400	\$2,400
ZV-CMA086-A	Albuquerque, NM	CMA086	A	500	646,586	3,200	\$3,200	\$3,200
ZV-CMA086-B	Albuquerque, NM	CMA086	B	500	646,586	3,200	\$3,200	\$3,200
ZV-CMA087-A	Canton, OH	CMA087	A	500	406,934	2,000	\$2,000	\$2,000
ZV-CMA087-B	Canton, OH	CMA087	B	500	406,934	2,000	\$2,000	\$2,000
ZV-CMA088-A	Chattanooga, TN-GA	CMA088	A	500	476,531	2,400	\$2,400	\$2,400
ZV-CMA088-B	Chattanooga, TN-GA	CMA088	B	500	476,531	2,400	\$2,400	\$2,400
ZV-CMA089-A	Wichita, KS	CMA089	A	500	512,351	2,600	\$2,600	\$2,600
ZV-CMA090-A	Charleston, SC	CMA090	A	500	549,033	2,700	\$2,700	\$2,700
ZV-CMA090-B	Charleston, SC	CMA090	B	500	549,033	2,700	\$2,700	\$2,700
ZV-CMA091-A	San Juan-Caguas, PR	CMA091	A	500	2,176,135	11,000	\$11,000	\$11,000
ZV-CMA091-B	San Juan-Caguas, PR	CMA091	B	500	2,176,135	11,000	\$11,000	\$11,000
ZV-CMA092-B	Little Rock, AR	CMA092	B	500	583,845	2,900	\$2,900	\$2,900
ZV-CMA093-A	Las Vegas, NV	CMA093	A	500	1,375,765	6,900	\$6,900	\$6,900
ZV-CMA093-B	Las Vegas, NV	CMA093	B	500	1,375,765	6,900	\$6,900	\$6,900
ZV-CMA094-A	Saginaw-Bay City-Midland, MI	CMA094	A	500	403,070	2,000	\$2,000	\$2,000
ZV-CMA094-B	Saginaw-Bay City-Midland, MI	CMA094	B	500	403,070	2,000	\$2,000	\$2,000
ZV-CMA095-A	Columbia, SC	CMA095	A	500	536,691	2,700	\$2,700	\$2,700
ZV-CMA095-B	Columbia, SC	CMA095	B	500	536,691	2,700	\$2,700	\$2,700
ZV-CMA096-B	Fort Wayne, IN	CMA096	B	500	464,066	2,300	\$2,300	\$2,300
ZV-CMA097-A	Bakersfield, CA	CMA097	A	500	661,645	3,300	\$3,300	\$3,300
ZV-CMA097-B	Bakersfield, CA	CMA097	B	500	661,645	3,300	\$3,300	\$3,300
ZV-CMA098-A	Davenport-Rock Island, IA-IL	CMA098	A	500	359,062	1,800	\$1,800	\$1,800
ZV-CMA099-A	York, PA	CMA099	A	500	473,043	2,400	\$2,400	\$2,400
ZV-CMA099-B	York, PA	CMA099	B	500	473,043	2,400	\$2,400	\$2,400
ZV-CMA100-A	Shreveport, LA	CMA100	A	500	392,302	2,000	\$2,000	\$2,000
ZV-CMA100-B	Shreveport, LA	CMA100	B	500	392,302	2,000	\$2,000	\$2,000
ZV-CMA101-A	Beaumont-Port Arthur, TX	CMA101	A	500	385,090	1,900	\$1,900	\$1,900
ZV-CMA101-B	Beaumont-Port Arthur, TX	CMA101	B	500	385,090	1,900	\$1,900	\$1,900
ZV-CMA102-A	Des Moines, IA	CMA102	A	500	456,022	2,300	\$2,300	\$2,300
ZV-CMA102-B	Des Moines, IA	CMA102	B	500	456,022	2,300	\$2,300	\$2,300
ZV-CMA103-A	Peoria, IL	CMA103	A	500	347,387	1,700	\$1,700	\$1,700
ZV-CMA103-B	Peoria, IL	CMA103	B	500	347,387	1,700	\$1,700	\$1,700
ZV-CMA104-A	Newport News-Hampton, VA	CMA104	A	500	489,330	2,400	\$2,400	\$2,400
ZV-CMA104-B	Newport News-Hampton, VA	CMA104	B	500	489,330	2,400	\$2,400	\$2,400
ZV-CMA105-A	Lancaster, PA	CMA105	A	500	470,658	2,400	\$2,400	\$2,400
ZV-CMA105-B	Lancaster, PA	CMA105	B	500	470,658	2,400	\$2,400	\$2,400

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ZV-CMA106-A	Jackson, MS	CMA106	A	500	440,801	2,200	\$2,200	\$2,200
ZV-CMA106-B	Jackson, MS	CMA106	B	500	440,801	2,200	\$2,200	\$2,200
ZV-CMA107-A	Stockton, CA	CMA107	A	500	563,598	2,800	\$2,800	\$2,800
ZV-CMA107-B	Stockton, CA	CMA107	B	500	563,598	2,800	\$2,800	\$2,800
ZV-CMA108-A	Augusta, GA-SC	CMA108	A	500	452,846	2,300	\$2,300	\$2,300
ZV-CMA108-B	Augusta, GA-SC	CMA108	B	500	452,846	2,300	\$2,300	\$2,300
ZV-CMA109-A	Spokane, WA	CMA109	A	500	417,939	2,100	\$2,100	\$2,100
ZV-CMA109-B	Spokane, WA	CMA109	B	500	417,939	2,100	\$2,100	\$2,100
ZV-CMA110-A	Huntington-Ashland, WV-KY-OH	CMA110	A	500	315,538	1,600	\$1,600	\$1,600
ZV-CMA110-B	Huntington-Ashland, WV-KY-OH	CMA110	B	500	315,538	1,600	\$1,600	\$1,600
ZV-CMA111-A	Vallejo-Fairfield-Napa, CA	CMA111	A	500	518,821	2,600	\$2,600	\$2,600
ZV-CMA111-B	Vallejo-Fairfield-Napa, CA	CMA111	B	500	518,821	2,600	\$2,600	\$2,600
ZV-CMA112-A	Corpus Christi, TX	CMA112	A	500	380,783	1,900	\$1,900	\$1,900
ZV-CMA113-A	Madison, WI	CMA113	A	500	426,526	2,100	\$2,100	\$2,100
ZV-CMA113-B	Madison, WI	CMA113	B	500	426,526	2,100	\$2,100	\$2,100
ZV-CMA114-A	Lakeland-Winter Haven, FL	CMA114	A	500	483,924	2,400	\$2,400	\$2,400
ZV-CMA114-B	Lakeland-Winter Haven, FL	CMA114	B	500	483,924	2,400	\$2,400	\$2,400
ZV-CMA115-A	Utica-Rome, NY	CMA115	A	500	299,896	1,500	\$1,500	\$1,500
ZV-CMA115-B	Utica-Rome, NY	CMA115	B	500	299,896	1,500	\$1,500	\$1,500
ZV-CMA116-A	Lexington-Fayette, KY	CMA116	A	500	408,326	2,000	\$2,000	\$2,000
ZV-CMA116-B	Lexington-Fayette, KY	CMA116	B	500	408,326	2,000	\$2,000	\$2,000
ZV-CMA117-A	Colorado Springs, CO	CMA117	A	500	537,484	2,700	\$2,700	\$2,700
ZV-CMA118-A	Reading, PA	CMA118	A	500	373,638	1,900	\$1,900	\$1,900
ZV-CMA118-B	Reading, PA	CMA118	B	500	373,638	1,900	\$1,900	\$1,900
ZV-CMA119-A	Evansville, IN-KY	CMA119	A	500	328,695	1,600	\$1,600	\$1,600
ZV-CMA119-B	Evansville, IN-KY	CMA119	B	500	328,695	1,600	\$1,600	\$1,600
ZV-CMA120-A	Huntsville, AL	CMA120	A	500	424,607	2,100	\$2,100	\$2,100
ZV-CMA120-B	Huntsville, AL	CMA120	B	500	424,607	2,100	\$2,100	\$2,100
ZV-CMA121-A	Trenton, NJ	CMA121	A	500	350,761	1,800	\$1,800	\$1,800
ZV-CMA121-B	Trenton, NJ	CMA121	B	500	350,761	1,800	\$1,800	\$1,800
ZV-CMA122-A	Binghamton, NY	CMA122	A	500	294,558	1,500	\$1,500	\$1,500
ZV-CMA122-B	Binghamton, NY	CMA122	B	500	294,558	1,500	\$1,500	\$1,500
ZV-CMA123-A	Santa Rosa-Petaluma, CA	CMA123	A	500	458,614	2,300	\$2,300	\$2,300
ZV-CMA123-B	Santa Rosa-Petaluma, CA	CMA123	B	500	458,614	2,300	\$2,300	\$2,300
ZV-CMA124-A	Santa Barbara, CA	CMA124	A	500	399,347	2,000	\$2,000	\$2,000
ZV-CMA124-B	Santa Barbara, CA	CMA124	B	500	399,347	2,000	\$2,000	\$2,000
ZV-CMA125-A	Appleton-Oshkosh-Neenah, WI	CMA125	A	500	358,365	1,800	\$1,800	\$1,800
ZV-CMA125-B	Appleton-Oshkosh-Neenah, WI	CMA125	B	500	358,365	1,800	\$1,800	\$1,800
ZV-CMA126-A	Salinas-Seaside-Monterey, CA	CMA126	A	500	401,762	2,000	\$2,000	\$2,000
ZV-CMA126-B	Salinas-Seaside-Monterey, CA	CMA126	B	500	401,762	2,000	\$2,000	\$2,000
ZV-CMA127-A	Pensacola, FL	CMA127	A	500	412,153	2,100	\$2,100	\$2,100
ZV-CMA127-B	Pensacola, FL	CMA127	B	500	412,153	2,100	\$2,100	\$2,100
ZV-CMA128-B	McAllen-Edinburg-Mission, TX	CMA128	B	500	569,463	2,800	\$2,800	\$2,800
ZV-CMA129-A	South Bend-Mishawaka, IN	CMA129	A	500	310,687	1,600	\$1,600	\$1,600
ZV-CMA129-B	South Bend-Mishawaka, IN	CMA129	B	500	310,687	1,600	\$1,600	\$1,600
ZV-CMA130-A	Erie, PA	CMA130	A	500	280,843	1,400	\$1,400	\$1,400
ZV-CMA130-B	Erie, PA	CMA130	B	500	280,843	1,400	\$1,400	\$1,400
ZV-CMA131-A	Rockford, IL	CMA131	A	500	320,204	1,600	\$1,600	\$1,600
ZV-CMA131-B	Rockford, IL	CMA131	B	500	320,204	1,600	\$1,600	\$1,600
ZV-CMA132-A	Kalamazoo, MI	CMA132	A	500	314,866	1,600	\$1,600	\$1,600
ZV-CMA132-B	Kalamazoo, MI	CMA132	B	500	314,866	1,600	\$1,600	\$1,600
ZV-CMA133-A	Manchester-Nashua, NH	CMA133	A	500	380,841	1,900	\$1,900	\$1,900
ZV-CMA133-B	Manchester-Nashua, NH	CMA133	B	500	380,841	1,900	\$1,900	\$1,900
ZV-CMA134-A	Atlantic City, NJ	CMA134	A	500	354,878	1,800	\$1,800	\$1,800
ZV-CMA134-B	Atlantic City, NJ	CMA134	B	500	354,878	1,800	\$1,800	\$1,800
ZV-CMA135-A	Eugene-Springfield, OR	CMA135	A	500	322,959	1,600	\$1,600	\$1,600
ZV-CMA135-B	Eugene-Springfield, OR	CMA135	B	500	322,959	1,600	\$1,600	\$1,600
ZV-CMA136-A	Lorain-Elyria, OH	CMA136	A	500	284,664	1,400	\$1,400	\$1,400
ZV-CMA136-B	Lorain-Elyria, OH	CMA136	B	500	284,664	1,400	\$1,400	\$1,400
ZV-CMA137-A	Melbourne-Titusville, FL	CMA137	A	500	476,230	2,400	\$2,400	\$2,400
ZV-CMA137-B	Melbourne-Titusville, FL	CMA137	B	500	476,230	2,400	\$2,400	\$2,400
ZV-CMA138-A	Macon-Warner Robins, GA	CMA138	A	500	322,549	1,600	\$1,600	\$1,600

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA138-B	Macon-Warner Robins, GA	CMA138	B	500	322,549	1,600	\$1,600	\$1,600
ZV-CMA139-A	Montgomery, AL	CMA139	A	500	333,055	1,700	\$1,700	\$1,700
ZV-CMA139-B	Montgomery, AL	CMA139	B	500	333,055	1,700	\$1,700	\$1,700
ZV-CMA140-A	Charleston, WV	CMA140	A	500	251,662	1,300	\$1,300	\$1,300
ZV-CMA140-B	Charleston, WV	CMA140	B	500	251,662	1,300	\$1,300	\$1,300
ZV-CMA141-A	Duluth, MN-WI	CMA141	A	500	243,815	1,200	\$1,200	\$1,200
ZV-CMA141-B	Duluth, MN-WI	CMA141	B	500	243,815	1,200	\$1,200	\$1,200
ZV-CMA142-A	Modesto, CA	CMA142	A	500	446,997	2,200	\$2,200	\$2,200
ZV-CMA142-B	Modesto, CA	CMA142	B	500	446,997	2,200	\$2,200	\$2,200
ZV-CMA143-A	Johnstown, PA	CMA143	A	500	232,621	1,200	\$1,200	\$1,200
ZV-CMA143-B	Johnstown, PA	CMA143	B	500	232,621	1,200	\$1,200	\$1,200
ZV-CMA144-A	Orange County, NY	CMA144	A	500	341,367	1,700	\$1,700	\$1,700
ZV-CMA144-B	Orange County, NY	CMA144	B	500	341,367	1,700	\$1,700	\$1,700
ZV-CMA145-A	Hamilton-Middletown, OH	CMA145	A	500	332,807	1,700	\$1,700	\$1,700
ZV-CMA145-B	Hamilton-Middletown, OH	CMA145	B	500	332,807	1,700	\$1,700	\$1,700
ZV-CMA146-A	Daytona Beach, FL	CMA146	A	500	443,343	2,200	\$2,200	\$2,200
ZV-CMA146-B	Daytona Beach, FL	CMA146	B	500	443,343	2,200	\$2,200	\$2,200
ZV-CMA147-A	Ponce, PR	CMA147	A	500	264,919	1,300	\$1,300	\$1,300
ZV-CMA147-B	Ponce, PR	CMA147	B	500	264,919	1,300	\$1,300	\$1,300
ZV-CMA148-A	Salem, OR	CMA148	A	500	347,214	1,700	\$1,700	\$1,700
ZV-CMA148-B	Salem, OR	CMA148	B	500	347,214	1,700	\$1,700	\$1,700
ZV-CMA149-A	Fayetteville, NC	CMA149	A	500	302,963	1,500	\$1,500	\$1,500
ZV-CMA149-B	Fayetteville, NC	CMA149	B	500	302,963	1,500	\$1,500	\$1,500
ZV-CMA150-A	Visalia-Tulare-Porterville, CA	CMA150	A	500	368,021	1,800	\$1,800	\$1,800
ZV-CMA150-B	Visalia-Tulare-Porterville, CA	CMA150	B	500	368,021	1,800	\$1,800	\$1,800
ZV-CMA151-A	Poughkeepsie, NY	CMA151	A	500	280,150	1,400	\$1,400	\$1,400
ZV-CMA151-B	Poughkeepsie, NY	CMA151	B	500	280,150	1,400	\$1,400	\$1,400
ZV-CMA152-A	Portland, ME	CMA152	A	500	300,826	1,500	\$1,500	\$1,500
ZV-CMA152-B	Portland, ME	CMA152	B	500	300,826	1,500	\$1,500	\$1,500
ZV-CMA153-A	Columbus, GA-AL	CMA153	A	500	250,929	1,300	\$1,300	\$1,300
ZV-CMA153-B	Columbus, GA-AL	CMA153	B	500	250,929	1,300	\$1,300	\$1,300
ZV-CMA154-A	New London-Norwich, CT	CMA154	A	500	259,088	1,300	\$1,300	\$1,300
ZV-CMA154-B	New London-Norwich, CT	CMA154	B	500	259,088	1,300	\$1,300	\$1,300
ZV-CMA155-A	Savannah, GA	CMA155	A	500	293,000	1,500	\$1,500	\$1,500
ZV-CMA155-B	Savannah, GA	CMA155	B	500	293,000	1,500	\$1,500	\$1,500
ZV-CMA156-A	Portsmouth-Rochester, NH-ME	CMA156	A	500	298,975	1,500	\$1,500	\$1,500
ZV-CMA156-B	Portsmouth-Rochester, NH-ME	CMA156	B	500	298,975	1,500	\$1,500	\$1,500
ZV-CMA157-A	Roanoke, VA	CMA157	A	500	241,023	1,200	\$1,200	\$1,200
ZV-CMA157-B	Roanoke, VA	CMA157	B	500	241,023	1,200	\$1,200	\$1,200
ZV-CMA158-A	Lima, OH	CMA158	A	500	219,469	1,100	\$1,100	\$1,100
ZV-CMA158-B	Lima, OH	CMA158	B	500	219,469	1,100	\$1,100	\$1,100
ZV-CMA159-A	Provo-Orem, UT	CMA159	A	500	368,536	1,800	\$1,800	\$1,800
ZV-CMA159-B	Provo-Orem, UT	CMA159	B	500	368,536	1,800	\$1,800	\$1,800
ZV-CMA160-A	Killeen-Temple, TX	CMA160	A	500	312,952	1,600	\$1,600	\$1,600
ZV-CMA160-B	Killeen-Temple, TX	CMA160	B	500	312,952	1,600	\$1,600	\$1,600
ZV-CMA161-A	Lubbock, TX	CMA161	A	500	242,628	1,200	\$1,200	\$1,200
ZV-CMA161-B	Lubbock, TX	CMA161	B	500	242,628	1,200	\$1,200	\$1,200
ZV-CMA162-B	Brownsville-Harlingen, TX	CMA162	B	500	335,227	1,700	\$1,700	\$1,700
ZV-CMA163-A	Springfield, MO	CMA163	A	500	294,676	1,500	\$1,500	\$1,500
ZV-CMA163-B	Springfield, MO	CMA163	B	500	294,676	1,500	\$1,500	\$1,500
ZV-CMA164-A	Fort Myers, FL	CMA164	A	500	440,888	2,200	\$2,200	\$2,200
ZV-CMA164-B	Fort Myers, FL	CMA164	B	500	440,888	2,200	\$2,200	\$2,200
ZV-CMA165-A	Fort Smith AR-OK	CMA165	A	500	255,399	1,300	\$1,300	\$1,300
ZV-CMA165-B	Fort Smith AR-OK	CMA165	B	500	255,399	1,300	\$1,300	\$1,300
ZV-CMA166-A	Hickory, NC	CMA166	A	500	264,436	1,300	\$1,300	\$1,300
ZV-CMA166-B	Hickory, NC	CMA166	B	500	264,436	1,300	\$1,300	\$1,300
ZV-CMA167-A	Sarasota, FL	CMA167	A	500	325,957	1,600	\$1,600	\$1,600
ZV-CMA167-B	Sarasota, FL	CMA167	B	500	325,957	1,600	\$1,600	\$1,600
ZV-CMA168-A	Tallahassee, FL	CMA168	A	500	307,402	1,500	\$1,500	\$1,500
ZV-CMA168-B	Tallahassee, FL	CMA168	B	500	307,402	1,500	\$1,500	\$1,500
ZV-CMA169-A	Mayaguez, PR	CMA169	A	500	227,412	1,100	\$1,100	\$1,100
ZV-CMA169-B	Mayaguez, PR	CMA169	B	500	227,412	1,100	\$1,100	\$1,100

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA170-A	Galveston-Texas City, TX	CMA170	A	500	250,158	1,300	\$1,300	\$1,300
ZV-CMA171-A	Reno, NV	CMA171	A	500	339,486	1,700	\$1,700	\$1,700
ZV-CMA171-B	Reno, NV	CMA171	B	500	339,486	1,700	\$1,700	\$1,700
ZV-CMA172-A	Lincoln, NE	CMA172	A	500	250,291	1,300	\$1,300	\$1,300
ZV-CMA173-A	Biloxi-Gulfport, MS	CMA173	A	500	246,190	1,200	\$1,200	\$1,200
ZV-CMA173-B	Biloxi-Gulfport, MS	CMA173	B	500	246,190	1,200	\$1,200	\$1,200
ZV-CMA174-A	Lafayette, LA	CMA174	A	500	239,086	1,200	\$1,200	\$1,200
ZV-CMA174-B	Lafayette, LA	CMA174	B	500	239,086	1,200	\$1,200	\$1,200
ZV-CMA175-A	Santa Cruz, CA	CMA175	A	500	255,602	1,300	\$1,300	\$1,300
ZV-CMA175-B	Santa Cruz, CA	CMA175	B	500	255,602	1,300	\$1,300	\$1,300
ZV-CMA176-A	Springfield, IL	CMA176	A	500	201,437	1,000	\$1,000	\$1,000
ZV-CMA176-B	Springfield, IL	CMA176	B	500	201,437	1,000	\$1,000	\$1,000
ZV-CMA177-A	Battle Creek, MI	CMA177	A	500	194,740	970	\$970	\$970
ZV-CMA177-B	Battle Creek, MI	CMA177	B	500	194,740	970	\$970	\$970
ZV-CMA178-A	Wheeling, WV-OH	CMA178	A	500	153,172	770	\$770	\$770
ZV-CMA178-B	Wheeling, WV-OH	CMA178	B	500	153,172	770	\$770	\$770
ZV-CMA179-A	Topeka, KS	CMA179	A	500	205,009	1,000	\$1,000	\$1,000
ZV-CMA180-A	Springfield, OH	CMA180	A	500	183,632	920	\$920	\$920
ZV-CMA180-B	Springfield, OH	CMA180	B	500	183,632	920	\$920	\$920
ZV-CMA181-A	Muskegon, MI	CMA181	A	500	197,073	990	\$990	\$990
ZV-CMA181-B	Muskegon, MI	CMA181	B	500	197,073	990	\$990	\$990
ZV-CMA182-A	Fayetteville-Springdale, AR	CMA182	A	500	311,121	1,600	\$1,600	\$1,600
ZV-CMA182-B	Fayetteville-Springdale, AR	CMA182	B	500	311,121	1,600	\$1,600	\$1,600
ZV-CMA183-A	Asheville, NC	CMA183	A	500	225,965	1,100	\$1,100	\$1,100
ZV-CMA183-B	Asheville, NC	CMA183	B	500	225,965	1,100	\$1,100	\$1,100
ZV-CMA184-A	Houma-Thibodaux, LA	CMA184	A	500	194,477	970	\$970	\$970
ZV-CMA184-B	Houma-Thibodaux, LA	CMA184	B	500	194,477	970	\$970	\$970
ZV-CMA185-A	Terre Haute, IN	CMA185	A	500	170,943	850	\$850	\$850
ZV-CMA185-B	Terre Haute, IN	CMA185	B	500	170,943	850	\$850	\$850
ZV-CMA186-A	Green Bay, WI	CMA186	A	500	226,778	1,100	\$1,100	\$1,100
ZV-CMA186-B	Green Bay, WI	CMA186	B	500	226,778	1,100	\$1,100	\$1,100
ZV-CMA187-A	Anchorage, AK	CMA187	A	500	260,283	1,300	\$1,300	\$1,300
ZV-CMA187-B	Anchorage, AK	CMA187	B	500	260,283	1,300	\$1,300	\$1,300
ZV-CMA188-A	Amarillo, TX	CMA188	A	500	217,858	1,100	\$1,100	\$1,100
ZV-CMA188-B	Amarillo, TX	CMA188	B	500	217,858	1,100	\$1,100	\$1,100
ZV-CMA189-A	Racine, WI	CMA189	A	500	188,831	940	\$940	\$940
ZV-CMA189-B	Racine, WI	CMA189	B	500	188,831	940	\$940	\$940
ZV-CMA190-A	Boise City, ID	CMA190	A	500	300,904	1,500	\$1,500	\$1,500
ZV-CMA190-B	Boise City, ID	CMA190	B	500	300,904	1,500	\$1,500	\$1,500
ZV-CMA191-A	Yakima, WA	CMA191	A	500	222,581	1,100	\$1,100	\$1,100
ZV-CMA191-B	Yakima, WA	CMA191	B	500	222,581	1,100	\$1,100	\$1,100
ZV-CMA192-A	Gainesville, FL	CMA192	A	500	244,043	1,200	\$1,200	\$1,200
ZV-CMA192-B	Gainesville, FL	CMA192	B	500	244,043	1,200	\$1,200	\$1,200
ZV-CMA193-A	Benton Harbor, MI	CMA193	A	500	162,453	810	\$810	\$810
ZV-CMA193-B	Benton Harbor, MI	CMA193	B	500	162,453	810	\$810	\$810
ZV-CMA194-A	Waco, TX	CMA194	A	500	213,517	1,100	\$1,100	\$1,100
ZV-CMA194-B	Waco, TX	CMA194	B	500	213,517	1,100	\$1,100	\$1,100
ZV-CMA195-A	Cedar Rapids, IA	CMA195	A	500	191,701	960	\$960	\$960
ZV-CMA195-B	Cedar Rapids, IA	CMA195	B	500	191,701	960	\$960	\$960
ZV-CMA196-A	Champaign-Urbana-Rantoul, IL	CMA196	A	500	179,669	900	\$900	\$900
ZV-CMA196-B	Champaign-Urbana-Rantoul, IL	CMA196	B	500	179,669	900	\$900	\$900
ZV-CMA197-A	Lake Charles, LA	CMA197	A	500	183,577	920	\$920	\$920
ZV-CMA197-B	Lake Charles, LA	CMA197	B	500	183,577	920	\$920	\$920
ZV-CMA198-A	St. Cloud, MN	CMA198	A	500	231,809	1,200	\$1,200	\$1,200
ZV-CMA198-B	St. Cloud, MN	CMA198	B	500	231,809	1,200	\$1,200	\$1,200
ZV-CMA199-A	Steubenville-Weirton, OH-WV	CMA199	A	500	132,008	660	\$660	\$660
ZV-CMA199-B	Steubenville-Weirton, OH-WV	CMA199	B	500	132,008	660	\$660	\$660
ZV-CMA200-A	Parkersburg-Marietta, OH-WV	CMA200	A	500	157,110	790	\$790	\$790
ZV-CMA200-B	Parkersburg-Marietta, OH-WV	CMA200	B	500	157,110	790	\$790	\$790
ZV-CMA201-A	Waterloo-Cedar Falls, IA	CMA201	A	500	151,337	760	\$760	\$760
ZV-CMA201-B	Waterloo-Cedar Falls, IA	CMA201	B	500	151,337	760	\$760	\$760
ZV-CMA202-A	Arecibo, PR	CMA202	A	500	199,750	1,000	\$1,000	\$1,000

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA202-B	Arecibo, PR	CMA202	B	500	199,750	1,000	\$1,000	\$1,000
ZV-CMA203-A	Lynchburg, VA	CMA203	A	500	161,946	810	\$810	\$810
ZV-CMA203-B	Lynchburg, VA	CMA203	B	500	161,946	810	\$810	\$810
ZV-CMA204-A	Aguadilla, PR	CMA204	A	500	190,868	950	\$950	\$950
ZV-CMA204-B	Aguadilla, PR	CMA204	B	500	190,868	950	\$950	\$950
ZV-CMA205-A	Alexandria, LA	CMA205	A	500	145,035	730	\$730	\$730
ZV-CMA205-B	Alexandria, LA	CMA205	B	500	145,035	730	\$730	\$730
ZV-CMA206-A	Longview-Marshall, TX	CMA206	A	500	173,489	870	\$870	\$870
ZV-CMA206-B	Longview-Marshall, TX	CMA206	B	500	173,489	870	\$870	\$870
ZV-CMA207-A	Jackson, MI	CMA207	A	500	158,422	790	\$790	\$790
ZV-CMA207-B	Jackson, MI	CMA207	B	500	158,422	790	\$790	\$790
ZV-CMA208-A	Fort Pierce, FL	CMA208	A	500	319,426	1,600	\$1,600	\$1,600
ZV-CMA208-B	Fort Pierce, FL	CMA208	B	500	319,426	1,600	\$1,600	\$1,600
ZV-CMA209-A	Clarksville-Hopkinsville TN-KY	CMA209	A	500	207,033	1,000	\$1,000	\$1,000
ZV-CMA209-B	Clarksville-Hopkinsville TN-KY	CMA209	B	500	207,033	1,000	\$1,000	\$1,000
ZV-CMA210-A	Fort Collins-Loveland, CO	CMA210	A	500	251,494	1,300	\$1,300	\$1,300
ZV-CMA210-B	Fort Collins-Loveland, CO	CMA210	B	500	251,494	1,300	\$1,300	\$1,300
ZV-CMA211-A	Bradenton, FL	CMA211	A	500	264,002	1,300	\$1,300	\$1,300
ZV-CMA211-B	Bradenton, FL	CMA211	B	500	264,002	1,300	\$1,300	\$1,300
ZV-CMA212-A	Bremerton, WA	CMA212	A	500	231,969	1,200	\$1,200	\$1,200
ZV-CMA212-B	Bremerton, WA	CMA212	B	500	231,969	1,200	\$1,200	\$1,200
ZV-CMA213-A	Pittsfield, MA	CMA213	A	500	134,953	670	\$670	\$670
ZV-CMA213-B	Pittsfield, MA	CMA213	B	500	134,953	670	\$670	\$670
ZV-CMA214-A	Richland-Kennewick-Pasco, WA	CMA214	A	500	191,822	960	\$960	\$960
ZV-CMA214-B	Richland-Kennewick-Pasco, WA	CMA214	B	500	191,822	960	\$960	\$960
ZV-CMA215-A	Chico, CA	CMA215	A	500	203,171	1,000	\$1,000	\$1,000
ZV-CMA215-B	Chico, CA	CMA215	B	500	203,171	1,000	\$1,000	\$1,000
ZV-CMA216-A	Janesville-Beloit, WI	CMA216	A	500	152,307	760	\$760	\$760
ZV-CMA216-B	Janesville-Beloit, WI	CMA216	B	500	152,307	760	\$760	\$760
ZV-CMA217-A	Anderson, IN	CMA217	A	500	133,358	670	\$670	\$670
ZV-CMA217-B	Anderson, IN	CMA217	B	500	133,358	670	\$670	\$670
ZV-CMA218-A	Wilmington, NC	CMA218	A	500	233,450	1,200	\$1,200	\$1,200
ZV-CMA218-B	Wilmington, NC	CMA218	B	500	233,450	1,200	\$1,200	\$1,200
ZV-CMA219-A	Monroe, LA	CMA219	A	500	147,250	740	\$740	\$740
ZV-CMA219-B	Monroe, LA	CMA219	B	500	147,250	740	\$740	\$740
ZV-CMA220-A	Abilene, TX	CMA220	A	500	160,245	800	\$800	\$800
ZV-CMA220-B	Abilene, TX	CMA220	B	500	160,245	800	\$800	\$800
ZV-CMA221-A	Fargo-Moorehead, ND-MN	CMA221	A	500	174,367	870	\$870	\$870
ZV-CMA221-B	Fargo-Moorehead, ND-MN	CMA221	B	500	174,367	870	\$870	\$870
ZV-CMA222-A	Tuscaloosa, AL	CMA222	A	500	164,875	820	\$820	\$820
ZV-CMA222-B	Tuscaloosa, AL	CMA222	B	500	164,875	820	\$820	\$820
ZV-CMA223-A	Elkhart-Goshen, IN	CMA223	A	500	182,791	910	\$910	\$910
ZV-CMA223-B	Elkhart-Goshen, IN	CMA223	B	500	182,791	910	\$910	\$910
ZV-CMA224-A	Bangor, ME	CMA224	A	500	144,919	720	\$720	\$720
ZV-CMA225-A	Altoona, PA	CMA225	A	500	129,144	650	\$650	\$650
ZV-CMA225-B	Altoona, PA	CMA225	B	500	129,144	650	\$650	\$650
ZV-CMA226-A	Florence, AL	CMA226	A	500	142,950	710	\$710	\$710
ZV-CMA226-B	Florence, AL	CMA226	B	500	142,950	710	\$710	\$710
ZV-CMA227-A	Anderson, SC	CMA227	A	500	165,740	830	\$830	\$830
ZV-CMA227-B	Anderson, SC	CMA227	B	500	165,740	830	\$830	\$830
ZV-CMA228-A	Vineland-Millville, NJ	CMA228	A	500	146,438	730	\$730	\$730
ZV-CMA228-B	Vineland-Millville, NJ	CMA228	B	500	146,438	730	\$730	\$730
ZV-CMA229-A	Medford, OR	CMA229	A	500	181,269	910	\$910	\$910
ZV-CMA229-B	Medford, OR	CMA229	B	500	181,269	910	\$910	\$910
ZV-CMA230-A	Decatur, IL	CMA230	A	500	114,706	570	\$570	\$570
ZV-CMA230-B	Decatur, IL	CMA230	B	500	114,706	570	\$570	\$570
ZV-CMA231-A	Mansfield, OH	CMA231	A	500	128,852	640	\$640	\$640
ZV-CMA231-B	Mansfield, OH	CMA231	B	500	128,852	640	\$640	\$640
ZV-CMA232-A	Eau Claire, WI	CMA232	A	500	148,337	740	\$740	\$740
ZV-CMA232-B	Eau Claire, WI	CMA232	B	500	148,337	740	\$740	\$740
ZV-CMA233-A	Wichita Falls, TX	CMA233	A	500	142,670	710	\$710	\$710
ZV-CMA233-B	Wichita Falls, TX	CMA233	B	500	142,670	710	\$710	\$710

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA234-A	Athens, GA	CMA234	A	500	195,033	980	\$980	\$980
ZV-CMA234-B	Athens, GA	CMA234	B	500	195,033	980	\$980	\$980
ZV-CMA235-A	Petersburg-Hopewell, VA	CMA235	A	500	130,571	650	\$650	\$650
ZV-CMA235-B	Petersburg-Hopewell, VA	CMA235	B	500	130,571	650	\$650	\$650
ZV-CMA236-A	Muncie, IN	CMA236	A	500	118,769	590	\$590	\$590
ZV-CMA236-B	Muncie, IN	CMA236	B	500	118,769	590	\$590	\$590
ZV-CMA237-A	Tyler, TX	CMA237	A	500	174,706	870	\$870	\$870
ZV-CMA237-B	Tyler, TX	CMA237	B	500	174,706	870	\$870	\$870
ZV-CMA238-A	Sharon, PA	CMA238	A	500	120,293	600	\$600	\$600
ZV-CMA238-B	Sharon, PA	CMA238	B	500	120,293	600	\$600	\$600
ZV-CMA239-A	Joplin, MO	CMA239	A	500	157,322	790	\$790	\$790
ZV-CMA239-B	Joplin, MO	CMA239	B	500	157,322	790	\$790	\$790
ZV-CMA240-A	Texarkana, AR-TX	CMA240	A	500	143,377	720	\$720	\$720
ZV-CMA240-B	Texarkana, AR-TX	CMA240	B	500	143,377	720	\$720	\$720
ZV-CMA241-A	Pueblo, CO	CMA241	A	500	141,472	710	\$710	\$710
ZV-CMA241-B	Pueblo, CO	CMA241	B	500	141,472	710	\$710	\$710
ZV-CMA242-A	Olympia, WA	CMA242	A	500	207,355	1,000	\$1,000	\$1,000
ZV-CMA242-B	Olympia, WA	CMA242	B	500	207,355	1,000	\$1,000	\$1,000
ZV-CMA243-A	Greeley, CO	CMA243	A	500	180,936	900	\$900	\$900
ZV-CMA243-B	Greeley, CO	CMA243	B	500	180,936	900	\$900	\$900
ZV-CMA244-A	Kenosha, WI	CMA244	A	500	149,577	750	\$750	\$750
ZV-CMA244-B	Kenosha, WI	CMA244	B	500	149,577	750	\$750	\$750
ZV-CMA245-A	Ocala, FL	CMA245	A	500	258,916	1,300	\$1,300	\$1,300
ZV-CMA245-B	Ocala, FL	CMA245	B	500	258,916	1,300	\$1,300	\$1,300
ZV-CMA246-A	Dothan, AL	CMA246	A	500	137,916	690	\$690	\$690
ZV-CMA246-B	Dothan, AL	CMA246	B	500	137,916	690	\$690	\$690
ZV-CMA247-A	Lafayette, IN	CMA247	A	500	148,955	740	\$740	\$740
ZV-CMA248-A	Burlington, VT	CMA248	A	500	153,472	770	\$770	\$770
ZV-CMA248-B	Burlington, VT	CMA248	B	500	153,472	770	\$770	\$770
ZV-CMA249-A	Anniston, AL	CMA249	A	500	112,249	560	\$560	\$560
ZV-CMA249-B	Anniston, AL	CMA249	B	500	112,249	560	\$560	\$560
ZV-CMA250-A	Bloomington-Normal, IL	CMA250	A	500	150,433	750	\$750	\$750
ZV-CMA250-B	Bloomington-Normal, IL	CMA250	B	500	150,433	750	\$750	\$750
ZV-CMA251-A	Williamsport, PA	CMA251	A	500	120,044	600	\$600	\$600
ZV-CMA251-B	Williamsport, PA	CMA251	B	500	120,044	600	\$600	\$600
ZV-CMA252-A	Pascagoula, MS	CMA252	A	500	131,420	660	\$660	\$660
ZV-CMA252-B	Pascagoula, MS	CMA252	B	500	131,420	660	\$660	\$660
ZV-CMA253-A	Sioux City, IA-NE	CMA253	A	500	124,130	620	\$620	\$620
ZV-CMA254-A	Redding, CA	CMA254	A	500	163,256	820	\$820	\$820
ZV-CMA254-B	Redding, CA	CMA254	B	500	163,256	820	\$820	\$820
ZV-CMA255-A	Odessa, TX	CMA255	A	500	121,123	610	\$610	\$610
ZV-CMA255-B	Odessa, TX	CMA255	B	500	121,123	610	\$610	\$610
ZV-CMA256-A	Charlottesville, VA	CMA256	A	500	159,576	800	\$800	\$800
ZV-CMA256-B	Charlottesville, VA	CMA256	B	500	159,576	800	\$800	\$800
ZV-CMA257-A	Hagerstown, MD	CMA257	A	500	131,923	660	\$660	\$660
ZV-CMA257-B	Hagerstown, MD	CMA257	B	500	131,923	660	\$660	\$660
ZV-CMA258-A	Jacksonville, NC	CMA258	A	500	150,355	750	\$750	\$750
ZV-CMA259-B	State College, PA	CMA259	B	500	135,758	680	\$680	\$680
ZV-CMA260-A	Lawton, OK	CMA260	A	500	114,996	570	\$570	\$570
ZV-CMA260-B	Lawton, OK	CMA260	B	500	114,996	570	\$570	\$570
ZV-CMA261-A	Albany, GA	CMA261	A	500	120,822	600	\$600	\$600
ZV-CMA261-B	Albany, GA	CMA261	B	500	120,822	600	\$600	\$600
ZV-CMA262-B	Danville, VA	CMA262	B	500	110,156	550	\$550	\$550
ZV-CMA263-A	Wausau, WI	CMA263	A	500	125,834	630	\$630	\$630
ZV-CMA263-B	Wausau, WI	CMA263	B	500	125,834	630	\$630	\$630
ZV-CMA264-A	Florence, SC	CMA264	A	500	125,761	630	\$630	\$630
ZV-CMA264-B	Florence, SC	CMA264	B	500	125,761	630	\$630	\$630
ZV-CMA265-A	Fort Walton Beach, FL	CMA265	A	500	170,498	850	\$850	\$850
ZV-CMA265-B	Fort Walton Beach, FL	CMA265	B	500	170,498	850	\$850	\$850
ZV-CMA266-A	Glens Falls, NY	CMA266	A	500	124,345	620	\$620	\$620
ZV-CMA266-B	Glens Falls, NY	CMA266	B	500	124,345	620	\$620	\$620
ZV-CMA267-A	Sioux Falls, SD	CMA267	A	500	148,281	740	\$740	\$740

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA268-A	Billings, MT	CMA268	A	500	129,352	650	\$650	\$650
ZV-CMA268-B	Billings, MT	CMA268	B	500	129,352	650	\$650	\$650
ZV-CMA269-A	Cumberland, MD-WV	CMA269	A	500	102,008	510	\$510	\$510
ZV-CMA269-B	Cumberland, MD-WV	CMA269	B	500	102,008	510	\$510	\$510
ZV-CMA270-A	Bellingham, WA	CMA270	A	500	166,814	830	\$830	\$830
ZV-CMA270-B	Bellingham, WA	CMA270	B	500	166,814	830	\$830	\$830
ZV-CMA271-A	Kokomo, IN	CMA271	A	500	101,541	510	\$510	\$510
ZV-CMA271-B	Kokomo, IN	CMA271	B	500	101,541	510	\$510	\$510
ZV-CMA272-A	Gadsden, AL	CMA272	A	500	103,459	520	\$520	\$520
ZV-CMA272-B	Gadsden, AL	CMA272	B	500	103,459	520	\$520	\$520
ZV-CMA273-A	Kankakee, IL	CMA273	A	500	103,833	520	\$520	\$520
ZV-CMA273-B	Kankakee, IL	CMA273	B	500	103,833	520	\$520	\$520
ZV-CMA274-A	Yuba City, CA	CMA274	A	500	139,149	700	\$700	\$700
ZV-CMA274-B	Yuba City, CA	CMA274	B	500	139,149	700	\$700	\$700
ZV-CMA275-A	St. Joseph, MO	CMA275	A	500	102,490	510	\$510	\$510
ZV-CMA275-B	St. Joseph, MO	CMA275	B	500	102,490	510	\$510	\$510
ZV-CMA276-A	Grand Forks, ND-MN	CMA276	A	500	97,478	500	\$500	\$500
ZV-CMA276-B	Grand Forks, ND-MN	CMA276	B	500	97,478	500	\$500	\$500
ZV-CMA277-A	Sheboygan, WI	CMA277	A	500	112,646	560	\$560	\$560
ZV-CMA277-B	Sheboygan, WI	CMA277	B	500	112,646	560	\$560	\$560
ZV-CMA278-A	Columbia, MO	CMA278	A	500	135,454	680	\$680	\$680
ZV-CMA279-B	Lewiston-Auburn, ME	CMA279	B	500	103,793	520	\$520	\$520
ZV-CMA280-A	Burlington, NC	CMA280	A	500	130,800	650	\$650	\$650
ZV-CMA280-B	Burlington, NC	CMA280	B	500	130,800	650	\$650	\$650
ZV-CMA281-B	Laredo, TX	CMA281	B	500	193,117	970	\$970	\$970
ZV-CMA282-A	Bloomington, IN	CMA282	A	500	120,563	600	\$600	\$600
ZV-CMA282-B	Bloomington, IN	CMA282	B	500	120,563	600	\$600	\$600
ZV-CMA283-A	Panama City, FL	CMA283	A	500	148,217	740	\$740	\$740
ZV-CMA283-B	Panama City, FL	CMA283	B	500	148,217	740	\$740	\$740
ZV-CMA284-A	Elmira, NY	CMA284	A	500	91,070	500	\$500	\$500
ZV-CMA284-B	Elmira, NY	CMA284	B	500	91,070	500	\$500	\$500
ZV-CMA285-A	Las Cruces, NM	CMA285	A	500	174,682	870	\$870	\$870
ZV-CMA285-B	Las Cruces, NM	CMA285	B	500	174,682	870	\$870	\$870
ZV-CMA286-A	Dubuque, IA	CMA286	A	500	89,143	500	\$500	\$500
ZV-CMA286-B	Dubuque, IA	CMA286	B	500	89,143	500	\$500	\$500
ZV-CMA287-A	Bryan-College Station, TX	CMA287	A	500	152,415	760	\$760	\$760
ZV-CMA287-B	Bryan-College Station, TX	CMA287	B	500	152,415	760	\$760	\$760
ZV-CMA288-A	Rochester, MN	CMA288	A	500	124,277	620	\$620	\$620
ZV-CMA289-A	Rapid City, SD	CMA289	A	500	112,818	560	\$560	\$560
ZV-CMA290-A	La Crosse, WI	CMA290	A	500	107,120	540	\$540	\$540
ZV-CMA290-B	La Crosse, WI	CMA290	B	500	107,120	540	\$540	\$540
ZV-CMA291-A	Pine Bluff, AR	CMA291	A	500	84,278	500	\$500	\$500
ZV-CMA291-B	Pine Bluff, AR	CMA291	B	500	84,278	500	\$500	\$500
ZV-CMA292-A	Sherman-Denison, TX	CMA292	A	500	110,595	550	\$550	\$550
ZV-CMA292-B	Sherman-Denison, TX	CMA292	B	500	110,595	550	\$550	\$550
ZV-CMA293-A	Owensboro, KY	CMA293	A	500	91,545	500	\$500	\$500
ZV-CMA293-B	Owensboro, KY	CMA293	B	500	91,545	500	\$500	\$500
ZV-CMA294-A	San Angelo, TX	CMA294	A	500	104,010	520	\$520	\$520
ZV-CMA294-B	San Angelo, TX	CMA294	B	500	104,010	520	\$520	\$520
ZV-CMA295-A	Midland, TX	CMA295	A	500	116,009	580	\$580	\$580
ZV-CMA295-B	Midland, TX	CMA295	B	500	116,009	580	\$580	\$580
ZV-CMA296-A	Iowa City, IA	CMA296	A	500	111,006	560	\$560	\$560
ZV-CMA296-B	Iowa City, IA	CMA296	B	500	111,006	560	\$560	\$560
ZV-CMA297-A	Great Falls, MT	CMA297	A	500	80,357	500	\$500	\$500
ZV-CMA297-B	Great Falls, MT	CMA297	B	500	80,357	500	\$500	\$500
ZV-CMA298-A	Bismarck, ND	CMA298	A	500	94,719	500	\$500	\$500
ZV-CMA298-B	Bismarck, ND	CMA298	B	500	94,719	500	\$500	\$500
ZV-CMA299-A	Casper, WY	CMA299	A	500	66,533	500	\$500	\$500
ZV-CMA299-B	Casper, WY	CMA299	B	500	66,533	500	\$500	\$500
ZV-CMA300-A	Victoria, TX	CMA300	A	500	84,088	500	\$500	\$500
ZV-CMA300-B	Victoria, TX	CMA300	B	500	84,088	500	\$500	\$500
ZV-CMA301-A	Lawrence, KS	CMA301	A	500	99,962	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA301-B	Lawrence, KS	CMA301	B	500	99,962	500	\$500	\$500
ZV-CMA302-A	Enid, OK	CMA302	A	500	57,813	500	\$500	\$500
ZV-CMA302-B	Enid, OK	CMA302	B	500	57,813	500	\$500	\$500
ZV-CMA303-A	Aurora-Elgin, IL	CMA303	A	500	54,544	500	\$500	\$500
ZV-CMA303-B	Aurora-Elgin, IL	CMA303	B	500	54,544	500	\$500	\$500
ZV-CMA304-A	Joliet, IL	CMA304	A	500	37,535	500	\$500	\$500
ZV-CMA304-B	Joliet, IL	CMA304	B	500	37,535	500	\$500	\$500
ZV-CMA305-A	Alton-Granite City, IL	CMA305	A	500	21,668	500	\$500	\$500
ZV-CMA305-B	Alton-Granite City, IL	CMA305	B	500	21,668	500	\$500	\$500
ZV-CMA306-A	Gulf of Mexico	CMA306	A	500	0	500	\$500	\$500
ZV-CMA306-B	Gulf of Mexico	CMA306	B	500	0	500	\$500	\$500
ZV-CMA307-A	Alabama 1 - Franklin	CMA307	A	500	361,654	1,800	\$1,800	\$1,800
ZV-CMA307-B	Alabama 1 - Franklin	CMA307	B	500	361,654	1,800	\$1,800	\$1,800
ZV-CMA308-A	Alabama 2 - Jackson	CMA308	A	500	142,366	710	\$710	\$710
ZV-CMA308-B	Alabama 2 - Jackson	CMA308	B	500	142,366	710	\$710	\$710
ZV-CMA309-A	Alabama 3 - Lamar	CMA309	A	500	135,766	680	\$680	\$680
ZV-CMA309-B	Alabama 3 - Lamar	CMA309	B	500	135,766	680	\$680	\$680
ZV-CMA310-A	Alabama 4 - Bibb	CMA310	A	500	145,301	730	\$730	\$730
ZV-CMA310-B	Alabama 4 - Bibb	CMA310	B	500	145,301	730	\$730	\$730
ZV-CMA311-A	Alabama 5 - Cleburne	CMA311	A	500	221,338	1,100	\$1,100	\$1,100
ZV-CMA311-B	Alabama 5 - Cleburne	CMA311	B	500	221,338	1,100	\$1,100	\$1,100
ZV-CMA312-A	Alabama 6 - Washington	CMA312	A	500	122,817	610	\$610	\$610
ZV-CMA312-B	Alabama 6 - Washington	CMA312	B	500	122,817	610	\$610	\$610
ZV-CMA313-A	Alabama 7 - Butler	CMA313	A	500	171,679	860	\$860	\$860
ZV-CMA313-B	Alabama 7 - Butler	CMA313	B	500	171,679	860	\$860	\$860
ZV-CMA314-A	Alabama 8 - Lee	CMA314	A	500	196,259	980	\$980	\$980
ZV-CMA314-B	Alabama 8 - Lee	CMA314	B	500	196,259	980	\$980	\$980
ZV-CMA315-A	Alaska 1 - Wade Hampton	CMA315	A	500	128,275	640	\$640	\$640
ZV-CMA315-B	Alaska 1 - Wade Hampton	CMA315	B	500	128,275	640	\$640	\$640
ZV-CMA316-A	Alaska 2 - Bethel	CMA316	A	500	165,292	830	\$830	\$830
ZV-CMA316-B	Alaska 2 - Bethel	CMA316	B	500	165,292	830	\$830	\$830
ZV-CMA317-A	Alaska 3 - Haines	CMA317	A	500	73,082	500	\$500	\$500
ZV-CMA317-B	Alaska 3 - Haines	CMA317	B	500	73,082	500	\$500	\$500
ZV-CMA318-A	Arizona 1 - Mohave	CMA318	A	500	155,032	780	\$780	\$780
ZV-CMA318-B	Arizona 1 - Mohave	CMA318	B	500	155,032	780	\$780	\$780
ZV-CMA319-A	Arizona 2 - Coconino	CMA319	A	500	283,837	1,400	\$1,400	\$1,400
ZV-CMA319-B	Arizona 2 - Coconino	CMA319	B	500	283,837	1,400	\$1,400	\$1,400
ZV-CMA320-A	Arizona 3 - Navajo	CMA320	A	500	166,893	830	\$830	\$830
ZV-CMA320-B	Arizona 3 - Navajo	CMA320	B	500	166,893	830	\$830	\$830
ZV-CMA321-A	Arizona 4 - Yuma	CMA321	A	500	179,741	900	\$900	\$900
ZV-CMA321-B	Arizona 4 - Yuma	CMA321	B	500	179,741	900	\$900	\$900
ZV-CMA322-A	Arizona 5 - Gila	CMA322	A	500	231,062	1,200	\$1,200	\$1,200
ZV-CMA322-B	Arizona 5 - Gila	CMA322	B	500	231,062	1,200	\$1,200	\$1,200
ZV-CMA323-A	Arizona 6 - Graham	CMA323	A	500	198,172	990	\$990	\$990
ZV-CMA323-B	Arizona 6 - Graham	CMA323	B	500	198,172	990	\$990	\$990
ZV-CMA324-A	Arkansas 1 - Madison	CMA324	A	500	82,156	500	\$500	\$500
ZV-CMA324-B	Arkansas 1 - Madison	CMA324	B	500	82,156	500	\$500	\$500
ZV-CMA325-A	Arkansas 2 - Marion	CMA325	A	500	99,177	500	\$500	\$500
ZV-CMA325-B	Arkansas 2 - Marion	CMA325	B	500	99,177	500	\$500	\$500
ZV-CMA326-A	Arkansas 3 - Sharp	CMA326	A	500	105,739	530	\$530	\$530
ZV-CMA326-B	Arkansas 3 - Sharp	CMA326	B	500	105,739	530	\$530	\$530
ZV-CMA327-A	Arkansas 4 - Clay	CMA327	A	500	214,681	1,100	\$1,100	\$1,100
ZV-CMA327-B	Arkansas 4 - Clay	CMA327	B	500	214,681	1,100	\$1,100	\$1,100
ZV-CMA328-A	Arkansas 5 - Cross	CMA328	A	500	118,883	590	\$590	\$590
ZV-CMA328-B	Arkansas 5 - Cross	CMA328	B	500	118,883	590	\$590	\$590
ZV-CMA329-A	Arkansas 6 - Cleburne	CMA329	A	500	109,491	550	\$550	\$550
ZV-CMA329-B	Arkansas 6 - Cleburne	CMA329	B	500	109,491	550	\$550	\$550
ZV-CMA330-A	Arkansas 7 - Pope	CMA330	A	500	122,345	610	\$610	\$610
ZV-CMA330-B	Arkansas 7 - Pope	CMA330	B	500	122,345	610	\$610	\$610
ZV-CMA331-A	Arkansas 8 - Franklin	CMA331	A	500	74,034	500	\$500	\$500
ZV-CMA331-B	Arkansas 8 - Franklin	CMA331	B	500	74,034	500	\$500	\$500
ZV-CMA332-A	Arkansas 9 - Polk	CMA332	A	500	70,834	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA332-B	Arkansas 9 - Polk	CMA332	B	500	70,834	500	\$500	\$500
ZV-CMA333-A	Arkansas 10 - Garland	CMA333	A	500	167,641	840	\$840	\$840
ZV-CMA333-B	Arkansas 10 - Garland	CMA333	B	500	167,641	840	\$840	\$840
ZV-CMA334-A	Arkansas 11 - Hempstead	CMA334	A	500	67,704	500	\$500	\$500
ZV-CMA334-B	Arkansas 11 - Hempstead	CMA334	B	500	67,704	500	\$500	\$500
ZV-CMA335-A	Arkansas 12 - Ouachita	CMA335	A	500	188,216	940	\$940	\$940
ZV-CMA335-B	Arkansas 12 - Ouachita	CMA335	B	500	188,216	940	\$940	\$940
ZV-CMA336-A	California 1 - Del Norte	CMA336	A	500	211,348	1,100	\$1,100	\$1,100
ZV-CMA336-B	California 1 - Del Norte	CMA336	B	500	211,348	1,100	\$1,100	\$1,100
ZV-CMA337-A	California 2 - Modoc	CMA337	A	500	64,101	500	\$500	\$500
ZV-CMA337-B	California 2 - Modoc	CMA337	B	500	64,101	500	\$500	\$500
ZV-CMA338-A	California 3 - Alpine	CMA338	A	500	148,493	740	\$740	\$740
ZV-CMA338-B	California 3 - Alpine	CMA338	B	500	148,493	740	\$740	\$740
ZV-CMA339-A	California 4 - Madera	CMA339	A	500	386,897	1,900	\$1,900	\$1,900
ZV-CMA339-B	California 4 - Madera	CMA339	B	500	386,897	1,900	\$1,900	\$1,900
ZV-CMA340-A	California 5 - San Luis Obispo	CMA340	A	500	246,681	1,200	\$1,200	\$1,200
ZV-CMA340-B	California 5 - San Luis Obispo	CMA340	B	500	246,681	1,200	\$1,200	\$1,200
ZV-CMA341-A	California 6 - Mono	CMA341	A	500	30,798	500	\$500	\$500
ZV-CMA341-B	California 6 - Mono	CMA341	B	500	30,798	500	\$500	\$500
ZV-CMA342-A	California 7 - Imperial	CMA342	A	500	142,361	710	\$710	\$710
ZV-CMA342-B	California 7 - Imperial	CMA342	B	500	142,361	710	\$710	\$710
ZV-CMA343-A	California 8 - Tehama	CMA343	A	500	101,296	510	\$510	\$510
ZV-CMA343-B	California 8 - Tehama	CMA343	B	500	101,296	510	\$510	\$510
ZV-CMA344-A	California 9 - Mendocino	CMA344	A	500	144,574	720	\$720	\$720
ZV-CMA344-B	California 9 - Mendocino	CMA344	B	500	144,574	720	\$720	\$720
ZV-CMA345-A	California 10 - Sierra	CMA345	A	500	95,588	500	\$500	\$500
ZV-CMA345-B	California 10 - Sierra	CMA345	B	500	95,588	500	\$500	\$500
ZV-CMA346-A	California 11 - El Dorado	CMA346	A	500	156,299	780	\$780	\$780
ZV-CMA346-B	California 11 - El Dorado	CMA346	B	500	156,299	780	\$780	\$780
ZV-CMA347-A	California 12 - Kings	CMA347	A	500	129,461	650	\$650	\$650
ZV-CMA347-B	California 12 - Kings	CMA347	B	500	129,461	650	\$650	\$650
ZV-CMA348-A	Colorado 1 - Moffat	CMA348	A	500	52,879	500	\$500	\$500
ZV-CMA348-B	Colorado 1 - Moffat	CMA348	B	500	52,879	500	\$500	\$500
ZV-CMA349-A	Colorado 2 - Logan	CMA349	A	500	69,669	500	\$500	\$500
ZV-CMA349-B	Colorado 2 - Logan	CMA349	B	500	69,669	500	\$500	\$500
ZV-CMA350-A	Colorado 3 - Garfield	CMA350	A	500	324,669	1,600	\$1,600	\$1,600
ZV-CMA350-B	Colorado 3 - Garfield	CMA350	B	500	324,669	1,600	\$1,600	\$1,600
ZV-CMA351-A	Colorado 4 - Park	CMA351	A	500	88,225	500	\$500	\$500
ZV-CMA351-B	Colorado 4 - Park	CMA351	B	500	88,225	500	\$500	\$500
ZV-CMA352-A	Colorado 5 - Elbert	CMA352	A	500	36,201	500	\$500	\$500
ZV-CMA352-B	Colorado 5 - Elbert	CMA352	B	500	36,201	500	\$500	\$500
ZV-CMA353-A	Colorado 6 - San Miguel	CMA353	A	500	81,299	500	\$500	\$500
ZV-CMA353-B	Colorado 6 - San Miguel	CMA353	B	500	81,299	500	\$500	\$500
ZV-CMA354-A	Colorado 7 - Saguache	CMA354	A	500	52,425	500	\$500	\$500
ZV-CMA354-B	Colorado 7 - Saguache	CMA354	B	500	52,425	500	\$500	\$500
ZV-CMA355-A	Colorado 8 - Kiowa	CMA355	A	500	47,932	500	\$500	\$500
ZV-CMA355-B	Colorado 8 - Kiowa	CMA355	B	500	47,932	500	\$500	\$500
ZV-CMA356-A	Colorado 9 - Costilla	CMA356	A	500	31,249	500	\$500	\$500
ZV-CMA356-B	Colorado 9 - Costilla	CMA356	B	500	31,249	500	\$500	\$500
ZV-CMA357-A	Connecticut 1 - Litchfield	CMA357	A	500	182,193	910	\$910	\$910
ZV-CMA357-B	Connecticut 1 - Litchfield	CMA357	B	500	182,193	910	\$910	\$910
ZV-CMA358-A	Connecticut 2 - Windham	CMA358	A	500	109,091	550	\$550	\$550
ZV-CMA358-B	Connecticut 2 - Windham	CMA358	B	500	109,091	550	\$550	\$550
ZV-CMA359-A	Delaware 1 - Kent	CMA359	A	500	283,335	1,400	\$1,400	\$1,400
ZV-CMA359-B	Delaware 1 - Kent	CMA359	B	500	283,335	1,400	\$1,400	\$1,400
ZV-CMA360-A	Florida 1 - Collier	CMA360	A	500	287,587	1,400	\$1,400	\$1,400
ZV-CMA360-B	Florida 1 - Collier	CMA360	B	500	287,587	1,400	\$1,400	\$1,400
ZV-CMA361-A	Florida 2 - Glades	CMA361	A	500	246,799	1,200	\$1,200	\$1,200
ZV-CMA361-B	Florida 2 - Glades	CMA361	B	500	246,799	1,200	\$1,200	\$1,200
ZV-CMA362-A	Florida 3 - Hardee	CMA362	A	500	200,774	1,000	\$1,000	\$1,000
ZV-CMA362-B	Florida 3 - Hardee	CMA362	B	500	200,774	1,000	\$1,000	\$1,000
ZV-CMA363-A	Florida 4 - Citrus	CMA363	A	500	512,760	2,600	\$2,600	\$2,600

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA363-B	Florida 4 - Citrus	CMA363	B	500	512,760	2,600	\$2,600	\$2,600
ZV-CMA364-A	Florida 5 - Putnam	CMA364	A	500	120,255	600	\$600	\$600
ZV-CMA364-B	Florida 5 - Putnam	CMA364	B	500	120,255	600	\$600	\$600
ZV-CMA365-A	Florida 6 - Dixie	CMA365	A	500	62,714	500	\$500	\$500
ZV-CMA365-B	Florida 6 - Dixie	CMA365	B	500	62,714	500	\$500	\$500
ZV-CMA366-A	Florida 7 - Hamilton	CMA366	A	500	118,126	590	\$590	\$590
ZV-CMA366-B	Florida 7 - Hamilton	CMA366	B	500	118,126	590	\$590	\$590
ZV-CMA367-A	Florida 8 - Jefferson	CMA367	A	500	57,913	500	\$500	\$500
ZV-CMA367-B	Florida 8 - Jefferson	CMA367	B	500	57,913	500	\$500	\$500
ZV-CMA368-A	Florida 9 - Calhoun	CMA368	A	500	44,427	500	\$500	\$500
ZV-CMA368-B	Florida 9 - Calhoun	CMA368	B	500	44,427	500	\$500	\$500
ZV-CMA369-A	Florida 10 - Walton	CMA369	A	500	126,893	630	\$630	\$630
ZV-CMA369-B	Florida 10 - Walton	CMA369	B	500	126,893	630	\$630	\$630
ZV-CMA370-A	Florida 11 - Monroe	CMA370	A	500	79,589	500	\$500	\$500
ZV-CMA370-B	Florida 11 - Monroe	CMA370	B	500	79,589	500	\$500	\$500
ZV-CMA371-A	Georgia 1 - Whitfield	CMA371	A	500	256,980	1,300	\$1,300	\$1,300
ZV-CMA371-B	Georgia 1 - Whitfield	CMA371	B	500	256,980	1,300	\$1,300	\$1,300
ZV-CMA372-A	Georgia 2 - Dawson	CMA372	A	500	353,474	1,800	\$1,800	\$1,800
ZV-CMA372-B	Georgia 2 - Dawson	CMA372	B	500	353,474	1,800	\$1,800	\$1,800
ZV-CMA373-A	Georgia 3 - Chattooga	CMA373	A	500	230,181	1,200	\$1,200	\$1,200
ZV-CMA373-B	Georgia 3 - Chattooga	CMA373	B	500	230,181	1,200	\$1,200	\$1,200
ZV-CMA374-A	Georgia 4 - Jasper	CMA374	A	500	137,356	690	\$690	\$690
ZV-CMA374-B	Georgia 4 - Jasper	CMA374	B	500	137,356	690	\$690	\$690
ZV-CMA375-A	Georgia 5 - Haralson	CMA375	A	500	271,964	1,400	\$1,400	\$1,400
ZV-CMA375-B	Georgia 5 - Haralson	CMA375	B	500	271,964	1,400	\$1,400	\$1,400
ZV-CMA376-A	Georgia 6 - Spalding	CMA376	A	500	211,408	1,100	\$1,100	\$1,100
ZV-CMA376-B	Georgia 6 - Spalding	CMA376	B	500	211,408	1,100	\$1,100	\$1,100
ZV-CMA377-A	Georgia 7 - Hancock	CMA377	A	500	139,606	700	\$700	\$700
ZV-CMA377-B	Georgia 7 - Hancock	CMA377	B	500	139,606	700	\$700	\$700
ZV-CMA378-A	Georgia 8 - Warren	CMA378	A	500	166,601	830	\$830	\$830
ZV-CMA378-B	Georgia 8 - Warren	CMA378	B	500	166,601	830	\$830	\$830
ZV-CMA379-A	Georgia 9 - Marion	CMA379	A	500	124,063	620	\$620	\$620
ZV-CMA379-B	Georgia 9 - Marion	CMA379	B	500	124,063	620	\$620	\$620
ZV-CMA380-A	Georgia 10 - Bleckley	CMA380	A	500	162,261	810	\$810	\$810
ZV-CMA380-B	Georgia 10 - Bleckley	CMA380	B	500	162,261	810	\$810	\$810
ZV-CMA381-A	Georgia 11 - Toombs	CMA381	A	500	162,419	810	\$810	\$810
ZV-CMA381-B	Georgia 11 - Toombs	CMA381	B	500	162,419	810	\$810	\$810
ZV-CMA382-A	Georgia 12 - Liberty	CMA382	A	500	220,558	1,100	\$1,100	\$1,100
ZV-CMA382-B	Georgia 12 - Liberty	CMA382	B	500	220,558	1,100	\$1,100	\$1,100
ZV-CMA383-A	Georgia 13 - Early	CMA383	A	500	157,068	790	\$790	\$790
ZV-CMA383-B	Georgia 13 - Early	CMA383	B	500	157,068	790	\$790	\$790
ZV-CMA384-A	Georgia 14 - Worth	CMA384	A	500	268,480	1,300	\$1,300	\$1,300
ZV-CMA384-B	Georgia 14 - Worth	CMA384	B	500	268,480	1,300	\$1,300	\$1,300
ZV-CMA385-A	Hawaii 1 - Kauai	CMA385	A	500	58,463	500	\$500	\$500
ZV-CMA385-B	Hawaii 1 - Kauai	CMA385	B	500	58,463	500	\$500	\$500
ZV-CMA386-A	Hawaii 2 - Maui	CMA386	A	500	128,241	640	\$640	\$640
ZV-CMA386-B	Hawaii 2 - Maui	CMA386	B	500	128,241	640	\$640	\$640
ZV-CMA387-A	Hawaii 3 - Hawaii	CMA387	A	500	148,677	740	\$740	\$740
ZV-CMA387-B	Hawaii 3 - Hawaii	CMA387	B	500	148,677	740	\$740	\$740
ZV-CMA388-A	Idaho 1 - Boundary	CMA388	A	500	263,355	1,300	\$1,300	\$1,300
ZV-CMA388-B	Idaho 1 - Boundary	CMA388	B	500	263,355	1,300	\$1,300	\$1,300
ZV-CMA389-A	Idaho 2 - Idaho	CMA389	A	500	72,374	500	\$500	\$500
ZV-CMA389-B	Idaho 2 - Idaho	CMA389	B	500	72,374	500	\$500	\$500
ZV-CMA390-A	Idaho 3 - Lemhi	CMA390	A	500	18,818	500	\$500	\$500
ZV-CMA390-B	Idaho 3 - Lemhi	CMA390	B	500	18,818	500	\$500	\$500
ZV-CMA391-A	Idaho 4 - Elmore	CMA391	A	500	171,215	860	\$860	\$860
ZV-CMA391-B	Idaho 4 - Elmore	CMA391	B	500	171,215	860	\$860	\$860
ZV-CMA392-A	Idaho 5 - Butte	CMA392	A	500	165,296	830	\$830	\$830
ZV-CMA392-B	Idaho 5 - Butte	CMA392	B	500	165,296	830	\$830	\$830
ZV-CMA393-A	Idaho 6 - Clark	CMA393	A	500	301,991	1,500	\$1,500	\$1,500
ZV-CMA393-B	Idaho 6 - Clark	CMA393	B	500	301,991	1,500	\$1,500	\$1,500
ZV-CMA394-A	Illinois 1 - Jo Daviess	CMA394	A	500	324,658	1,600	\$1,600	\$1,600

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA394-B	Illinois 1 - Jo Daviess	CMA394	B	500	324,658	1,600	\$1,600	\$1,600
ZV-CMA395-A	Illinois 2 - Bureau	CMA395	A	500	257,863	1,300	\$1,300	\$1,300
ZV-CMA395-B	Illinois 2 - Bureau	CMA395	B	500	257,863	1,300	\$1,300	\$1,300
ZV-CMA396-A	Illinois 3 - Mercer	CMA396	A	500	198,214	990	\$990	\$990
ZV-CMA396-B	Illinois 3 - Mercer	CMA396	B	500	198,214	990	\$990	\$990
ZV-CMA397-A	Illinois 4 - Adams	CMA397	A	500	217,323	1,100	\$1,100	\$1,100
ZV-CMA397-B	Illinois 4 - Adams	CMA397	B	500	217,323	1,100	\$1,100	\$1,100
ZV-CMA398-A	Illinois 5 - Mason	CMA398	A	500	94,671	500	\$500	\$500
ZV-CMA398-B	Illinois 5 - Mason	CMA398	B	500	94,671	500	\$500	\$500
ZV-CMA399-A	Illinois 6 - Montgomery	CMA399	A	500	204,307	1,000	\$1,000	\$1,000
ZV-CMA399-B	Illinois 6 - Montgomery	CMA399	B	500	204,307	1,000	\$1,000	\$1,000
ZV-CMA400-A	Illinois 7 - Vermilion	CMA400	A	500	235,571	1,200	\$1,200	\$1,200
ZV-CMA400-B	Illinois 7 - Vermilion	CMA400	B	500	235,571	1,200	\$1,200	\$1,200
ZV-CMA401-A	Illinois 8 - Washington	CMA401	A	500	335,376	1,700	\$1,700	\$1,700
ZV-CMA401-B	Illinois 8 - Washington	CMA401	B	500	335,376	1,700	\$1,700	\$1,700
ZV-CMA402-A	Illinois 9 - Clay	CMA402	A	500	149,603	750	\$750	\$750
ZV-CMA402-B	Illinois 9 - Clay	CMA402	B	500	149,603	750	\$750	\$750
ZV-CMA403-A	Indiana 1 - Newton	CMA403	A	500	217,293	1,100	\$1,100	\$1,100
ZV-CMA403-B	Indiana 1 - Newton	CMA403	B	500	217,293	1,100	\$1,100	\$1,100
ZV-CMA404-A	Indiana 2 - Kosciusko	CMA404	A	500	188,455	940	\$940	\$940
ZV-CMA404-B	Indiana 2 - Kosciusko	CMA404	B	500	188,455	940	\$940	\$940
ZV-CMA405-A	Indiana 3 - Huntington	CMA405	A	500	147,332	740	\$740	\$740
ZV-CMA405-B	Indiana 3 - Huntington	CMA405	B	500	147,332	740	\$740	\$740
ZV-CMA406-A	Indiana 4 - Miami	CMA406	A	500	186,514	930	\$930	\$930
ZV-CMA406-B	Indiana 4 - Miami	CMA406	B	500	186,514	930	\$930	\$930
ZV-CMA407-A	Indiana 5 - Warren	CMA407	A	500	126,683	630	\$630	\$630
ZV-CMA407-B	Indiana 5 - Warren	CMA407	B	500	126,683	630	\$630	\$630
ZV-CMA408-A	Indiana 6 - Randolph	CMA408	A	500	220,355	1,100	\$1,100	\$1,100
ZV-CMA408-B	Indiana 6 - Randolph	CMA408	B	500	220,355	1,100	\$1,100	\$1,100
ZV-CMA409-A	Indiana 7 - Owen	CMA409	A	500	226,189	1,100	\$1,100	\$1,100
ZV-CMA409-B	Indiana 7 - Owen	CMA409	B	500	226,189	1,100	\$1,100	\$1,100
ZV-CMA410-A	Indiana 8 - Brown	CMA410	A	500	265,246	1,300	\$1,300	\$1,300
ZV-CMA410-B	Indiana 8 - Brown	CMA410	B	500	265,246	1,300	\$1,300	\$1,300
ZV-CMA411-A	Indiana 9 - Decatur	CMA411	A	500	147,985	740	\$740	\$740
ZV-CMA411-B	Indiana 9 - Decatur	CMA411	B	500	147,985	740	\$740	\$740
ZV-CMA412-A	Iowa 1 - Mills	CMA412	A	500	62,744	500	\$500	\$500
ZV-CMA412-B	Iowa 1 - Mills	CMA412	B	500	62,744	500	\$500	\$500
ZV-CMA413-A	Iowa 2 - Union	CMA413	A	500	51,752	500	\$500	\$500
ZV-CMA413-B	Iowa 2 - Union	CMA413	B	500	51,752	500	\$500	\$500
ZV-CMA414-A	Iowa 3 - Monroe	CMA414	A	500	90,319	500	\$500	\$500
ZV-CMA414-B	Iowa 3 - Monroe	CMA414	B	500	90,319	500	\$500	\$500
ZV-CMA415-A	Iowa 4 - Muscatine	CMA415	A	500	154,644	770	\$770	\$770
ZV-CMA415-B	Iowa 4 - Muscatine	CMA415	B	500	154,644	770	\$770	\$770
ZV-CMA416-A	Iowa 5 - Jackson	CMA416	A	500	108,853	540	\$540	\$540
ZV-CMA416-B	Iowa 5 - Jackson	CMA416	B	500	108,853	540	\$540	\$540
ZV-CMA417-A	Iowa 6 - Iowa	CMA417	A	500	158,156	790	\$790	\$790
ZV-CMA417-B	Iowa 6 - Iowa	CMA417	B	500	158,156	790	\$790	\$790
ZV-CMA418-A	Iowa 7 - Audubon	CMA418	A	500	55,129	500	\$500	\$500
ZV-CMA418-B	Iowa 7 - Audubon	CMA418	B	500	55,129	500	\$500	\$500
ZV-CMA419-A	Iowa 8 - Monona	CMA419	A	500	55,801	500	\$500	\$500
ZV-CMA419-B	Iowa 8 - Monona	CMA419	B	500	55,801	500	\$500	\$500
ZV-CMA420-A	Iowa 9 - Ida	CMA420	A	500	62,268	500	\$500	\$500
ZV-CMA420-B	Iowa 9 - Ida	CMA420	B	500	62,268	500	\$500	\$500
ZV-CMA421-A	Iowa 10 - Humboldt	CMA421	A	500	187,593	940	\$940	\$940
ZV-CMA421-B	Iowa 10 - Humboldt	CMA421	B	500	187,593	940	\$940	\$940
ZV-CMA422-A	Iowa 11 - Hardin	CMA422	A	500	113,903	570	\$570	\$570
ZV-CMA422-B	Iowa 11 - Hardin	CMA422	B	500	113,903	570	\$570	\$570
ZV-CMA423-A	Iowa 12 - Winneshiek	CMA423	A	500	116,168	580	\$580	\$580
ZV-CMA423-B	Iowa 12 - Winneshiek	CMA423	B	500	116,168	580	\$580	\$580
ZV-CMA424-A	Iowa 13 - Mitchell	CMA424	A	500	66,106	500	\$500	\$500
ZV-CMA424-B	Iowa 13 - Mitchell	CMA424	B	500	66,106	500	\$500	\$500
ZV-CMA425-A	Iowa 14 - Kossuth	CMA425	A	500	106,046	530	\$530	\$530

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA425-B	Iowa 14 - Kossuth	CMA425	B	500	106,046	530	\$530	\$530
ZV-CMA426-A	Iowa 15 - Dickinson	CMA426	A	500	84,043	500	\$500	\$500
ZV-CMA426-B	Iowa 15 - Dickinson	CMA426	B	500	84,043	500	\$500	\$500
ZV-CMA427-A	Iowa 16 - Lyon	CMA427	A	500	103,341	520	\$520	\$520
ZV-CMA427-B	Iowa 16 - Lyon	CMA427	B	500	103,341	520	\$520	\$520
ZV-CMA428-A	Kansas 1 - Cheyenne	CMA428	A	500	27,356	500	\$500	\$500
ZV-CMA428-B	Kansas 1 - Cheyenne	CMA428	B	500	27,356	500	\$500	\$500
ZV-CMA429-A	Kansas 2 - Norton	CMA429	A	500	29,573	500	\$500	\$500
ZV-CMA429-B	Kansas 2 - Norton	CMA429	B	500	29,573	500	\$500	\$500
ZV-CMA430-A	Kansas 3 - Jewell	CMA430	A	500	51,872	500	\$500	\$500
ZV-CMA430-B	Kansas 3 - Jewell	CMA430	B	500	51,872	500	\$500	\$500
ZV-CMA431-A	Kansas 4 - Marshall	CMA431	A	500	130,681	650	\$650	\$650
ZV-CMA431-B	Kansas 4 - Marshall	CMA431	B	500	130,681	650	\$650	\$650
ZV-CMA432-A	Kansas 5 - Brown	CMA432	A	500	117,095	590	\$590	\$590
ZV-CMA432-B	Kansas 5 - Brown	CMA432	B	500	117,095	590	\$590	\$590
ZV-CMA433-A	Kansas 6 - Wallace	CMA433	A	500	19,203	500	\$500	\$500
ZV-CMA433-B	Kansas 6 - Wallace	CMA433	B	500	19,203	500	\$500	\$500
ZV-CMA434-A	Kansas 7 - Trego	CMA434	A	500	80,639	500	\$500	\$500
ZV-CMA434-B	Kansas 7 - Trego	CMA434	B	500	80,639	500	\$500	\$500
ZV-CMA435-A	Kansas 8 - Ellsworth	CMA435	A	500	133,142	670	\$670	\$670
ZV-CMA435-B	Kansas 8 - Ellsworth	CMA435	B	500	133,142	670	\$670	\$670
ZV-CMA436-A	Kansas 9 - Morris	CMA436	A	500	59,627	500	\$500	\$500
ZV-CMA436-B	Kansas 9 - Morris	CMA436	B	500	59,627	500	\$500	\$500
ZV-CMA437-A	Kansas 10 - Franklin	CMA437	A	500	113,232	570	\$570	\$570
ZV-CMA437-B	Kansas 10 - Franklin	CMA437	B	500	113,232	570	\$570	\$570
ZV-CMA438-A	Kansas 11 - Hamilton	CMA438	A	500	93,815	500	\$500	\$500
ZV-CMA438-B	Kansas 11 - Hamilton	CMA438	B	500	93,815	500	\$500	\$500
ZV-CMA439-A	Kansas 12 - Hodgeman	CMA439	A	500	47,468	500	\$500	\$500
ZV-CMA439-B	Kansas 12 - Hodgeman	CMA439	B	500	47,468	500	\$500	\$500
ZV-CMA440-A	Kansas 13 - Edwards	CMA440	A	500	28,437	500	\$500	\$500
ZV-CMA440-B	Kansas 13 - Edwards	CMA440	B	500	28,437	500	\$500	\$500
ZV-CMA441-A	Kansas 14 - Reno	CMA441	A	500	175,105	880	\$880	\$880
ZV-CMA441-B	Kansas 14 - Reno	CMA441	B	500	175,105	880	\$880	\$880
ZV-CMA442-A	Kansas 15 - Elk	CMA442	A	500	154,883	770	\$770	\$770
ZV-CMA442-B	Kansas 15 - Elk	CMA442	B	500	154,883	770	\$770	\$770
ZV-CMA443-A	Kentucky 1 - Fulton	CMA443	A	500	193,495	970	\$970	\$970
ZV-CMA443-B	Kentucky 1 - Fulton	CMA443	B	500	193,495	970	\$970	\$970
ZV-CMA444-A	Kentucky 2 - Union	CMA444	A	500	129,201	650	\$650	\$650
ZV-CMA444-B	Kentucky 2 - Union	CMA444	B	500	129,201	650	\$650	\$650
ZV-CMA445-A	Kentucky 3 - Meade	CMA445	A	500	332,060	1,700	\$1,700	\$1,700
ZV-CMA445-B	Kentucky 3 - Meade	CMA445	B	500	332,060	1,700	\$1,700	\$1,700
ZV-CMA446-A	Kentucky 4 - Spencer	CMA446	A	500	260,291	1,300	\$1,300	\$1,300
ZV-CMA446-B	Kentucky 4 - Spencer	CMA446	B	500	260,291	1,300	\$1,300	\$1,300
ZV-CMA447-A	Kentucky 5 - Barren	CMA447	A	500	164,614	820	\$820	\$820
ZV-CMA447-B	Kentucky 5 - Barren	CMA447	B	500	164,614	820	\$820	\$820
ZV-CMA448-A	Kentucky 6 - Madison	CMA448	A	500	277,683	1,400	\$1,400	\$1,400
ZV-CMA448-B	Kentucky 6 - Madison	CMA448	B	500	277,683	1,400	\$1,400	\$1,400
ZV-CMA449-A	Kentucky 7 - Trimble	CMA449	A	500	187,538	940	\$940	\$940
ZV-CMA449-B	Kentucky 7 - Trimble	CMA449	B	500	187,538	940	\$940	\$940
ZV-CMA450-A	Kentucky 8 - Mason	CMA450	A	500	124,331	620	\$620	\$620
ZV-CMA450-B	Kentucky 8 - Mason	CMA450	B	500	124,331	620	\$620	\$620
ZV-CMA451-A	Kentucky 9 - Elliott	CMA451	A	500	196,797	980	\$980	\$980
ZV-CMA451-B	Kentucky 9 - Elliott	CMA451	B	500	196,797	980	\$980	\$980
ZV-CMA452-A	Kentucky 10 - Powell	CMA452	A	500	150,294	750	\$750	\$750
ZV-CMA452-B	Kentucky 10 - Powell	CMA452	B	500	150,294	750	\$750	\$750
ZV-CMA453-A	Kentucky 11 - Clay	CMA453	A	500	167,879	840	\$840	\$840
ZV-CMA453-B	Kentucky 11 - Clay	CMA453	B	500	167,879	840	\$840	\$840
ZV-CMA454-A	Louisiana 1 - Claiborne	CMA454	A	500	113,312	570	\$570	\$570
ZV-CMA454-B	Louisiana 1 - Claiborne	CMA454	B	500	113,312	570	\$570	\$570
ZV-CMA455-A	Louisiana 2 - Morehouse	CMA455	A	500	115,346	580	\$580	\$580
ZV-CMA455-B	Louisiana 2 - Morehouse	CMA455	B	500	115,346	580	\$580	\$580
ZV-CMA456-A	Louisiana 3 - De Soto	CMA456	A	500	150,186	750	\$750	\$750

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA456-B	Louisiana 3 - De Soto	CMA456	B	500	150,186	750	\$750	\$750
ZV-CMA457-A	Louisiana 4 - Caldwell	CMA457	A	500	72,903	500	\$500	\$500
ZV-CMA457-B	Louisiana 4 - Caldwell	CMA457	B	500	72,903	500	\$500	\$500
ZV-CMA458-A	Louisiana 5 - Beauregard	CMA458	A	500	399,898	2,000	\$2,000	\$2,000
ZV-CMA458-B	Louisiana 5 - Beauregard	CMA458	B	500	399,898	2,000	\$2,000	\$2,000
ZV-CMA459-A	Louisiana 6 - Iberville	CMA459	A	500	183,474	920	\$920	\$920
ZV-CMA459-B	Louisiana 6 - Iberville	CMA459	B	500	183,474	920	\$920	\$920
ZV-CMA460-A	Louisiana 7 - West Feliciana	CMA460	A	500	191,510	960	\$960	\$960
ZV-CMA460-B	Louisiana 7 - West Feliciana	CMA460	B	500	191,510	960	\$960	\$960
ZV-CMA461-A	Louisiana 8 - St. James	CMA461	A	500	112,332	560	\$560	\$560
ZV-CMA461-B	Louisiana 8 - St. James	CMA461	B	500	112,332	560	\$560	\$560
ZV-CMA462-A	Louisiana 9 - Plaquemines	CMA462	A	500	26,757	500	\$500	\$500
ZV-CMA462-B	Louisiana 9 - Plaquemines	CMA462	B	500	26,757	500	\$500	\$500
ZV-CMA463-A	Maine 1 - Oxford	CMA463	A	500	84,222	500	\$500	\$500
ZV-CMA463-B	Maine 1 - Oxford	CMA463	B	500	84,222	500	\$500	\$500
ZV-CMA464-A	Maine 2 - Somerset	CMA464	A	500	142,061	710	\$710	\$710
ZV-CMA464-B	Maine 2 - Somerset	CMA464	B	500	142,061	710	\$710	\$710
ZV-CMA465-A	Maine 3 - Kennebec	CMA465	A	500	226,628	1,100	\$1,100	\$1,100
ZV-CMA465-B	Maine 3 - Kennebec	CMA465	B	500	226,628	1,100	\$1,100	\$1,100
ZV-CMA466-A	Maine 4 - Washington	CMA466	A	500	85,732	500	\$500	\$500
ZV-CMA466-B	Maine 4 - Washington	CMA466	B	500	85,732	500	\$500	\$500
ZV-CMA467-A	Maryland 1 - Garrett	CMA467	A	500	29,846	500	\$500	\$500
ZV-CMA467-B	Maryland 1 - Garrett	CMA467	B	500	29,846	500	\$500	\$500
ZV-CMA468-A	Maryland 2 - Kent	CMA468	A	500	470,726	2,400	\$2,400	\$2,400
ZV-CMA468-B	Maryland 2 - Kent	CMA468	B	500	470,726	2,400	\$2,400	\$2,400
ZV-CMA469-A	Maryland 3 - Frederick	CMA469	A	500	195,277	980	\$980	\$980
ZV-CMA469-B	Maryland 3 - Frederick	CMA469	B	500	195,277	980	\$980	\$980
ZV-CMA470-A	Massachusetts 1 - Franklin	CMA470	A	500	71,535	500	\$500	\$500
ZV-CMA470-B	Massachusetts 1 - Franklin	CMA470	B	500	71,535	500	\$500	\$500
ZV-CMA471-A	Massachusetts 2 - Barnstable	CMA471	A	500	246,737	1,200	\$1,200	\$1,200
ZV-CMA471-B	Massachusetts 2 - Barnstable	CMA471	B	500	246,737	1,200	\$1,200	\$1,200
ZV-CMA472-A	Michigan 1 - Gogebic	CMA472	A	500	202,821	1,000	\$1,000	\$1,000
ZV-CMA472-B	Michigan 1 - Gogebic	CMA472	B	500	202,821	1,000	\$1,000	\$1,000
ZV-CMA473-A	Michigan 2 - Alger	CMA473	A	500	114,795	570	\$570	\$570
ZV-CMA473-B	Michigan 2 - Alger	CMA473	B	500	114,795	570	\$570	\$570
ZV-CMA474-A	Michigan 3 - Emmet	CMA474	A	500	174,862	870	\$870	\$870
ZV-CMA474-B	Michigan 3 - Emmet	CMA474	B	500	174,862	870	\$870	\$870
ZV-CMA475-A	Michigan 4 - Cheboygan	CMA475	A	500	141,199	710	\$710	\$710
ZV-CMA475-B	Michigan 4 - Cheboygan	CMA475	B	500	141,199	710	\$710	\$710
ZV-CMA476-A	Michigan 5 - Manistee	CMA476	A	500	169,410	850	\$850	\$850
ZV-CMA476-B	Michigan 5 - Manistee	CMA476	B	500	169,410	850	\$850	\$850
ZV-CMA477-A	Michigan 6 - Roscommon	CMA477	A	500	148,997	740	\$740	\$740
ZV-CMA477-B	Michigan 6 - Roscommon	CMA477	B	500	148,997	740	\$740	\$740
ZV-CMA478-A	Michigan 7 - Newaygo	CMA478	A	500	255,329	1,300	\$1,300	\$1,300
ZV-CMA478-B	Michigan 7 - Newaygo	CMA478	B	500	255,329	1,300	\$1,300	\$1,300
ZV-CMA479-A	Michigan 8 - Allegan	CMA479	A	500	105,665	530	\$530	\$530
ZV-CMA479-B	Michigan 8 - Allegan	CMA479	B	500	105,665	530	\$530	\$530
ZV-CMA480-A	Michigan 9 - Cass	CMA480	A	500	304,730	1,500	\$1,500	\$1,500
ZV-CMA480-B	Michigan 9 - Cass	CMA480	B	500	304,730	1,500	\$1,500	\$1,500
ZV-CMA481-A	Michigan 10 - Tuscola	CMA481	A	500	138,892	690	\$690	\$690
ZV-CMA481-B	Michigan 10 - Tuscola	CMA481	B	500	138,892	690	\$690	\$690
ZV-CMA482-A	Minnesota 1 - Kittson	CMA482	A	500	49,661	500	\$500	\$500
ZV-CMA482-B	Minnesota 1 - Kittson	CMA482	B	500	49,661	500	\$500	\$500
ZV-CMA483-A	Minnesota 2 - Lake of the Woods	CMA483	A	500	65,227	500	\$500	\$500
ZV-CMA483-B	Minnesota 2 - Lake of the Woods	CMA483	B	500	65,227	500	\$500	\$500
ZV-CMA484-A	Minnesota 3 - Koochiching	CMA484	A	500	58,347	500	\$500	\$500
ZV-CMA484-B	Minnesota 3 - Koochiching	CMA484	B	500	58,347	500	\$500	\$500
ZV-CMA485-A	Minnesota 4 - Lake	CMA485	A	500	16,226	500	\$500	\$500
ZV-CMA485-B	Minnesota 4 - Lake	CMA485	B	500	16,226	500	\$500	\$500
ZV-CMA486-A	Minnesota 5 - Wilkin	CMA486	A	500	214,745	1,100	\$1,100	\$1,100
ZV-CMA486-B	Minnesota 5 - Wilkin	CMA486	B	500	214,745	1,100	\$1,100	\$1,100
ZV-CMA487-A	Minnesota 6 - Hubbard	CMA487	A	500	274,452	1,400	\$1,400	\$1,400

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA487-B	Minnesota 6 - Hubbard	CMA487	B	500	274,452	1,400	\$1,400	\$1,400
ZV-CMA488-A	Minnesota 7 - Chippewa	CMA488	A	500	174,114	870	\$870	\$870
ZV-CMA488-B	Minnesota 7 - Chippewa	CMA488	B	500	174,114	870	\$870	\$870
ZV-CMA489-A	Minnesota 8 - Lac qui Parle	CMA489	A	500	67,816	500	\$500	\$500
ZV-CMA489-B	Minnesota 8 - Lac qui Parle	CMA489	B	500	67,816	500	\$500	\$500
ZV-CMA490-A	Minnesota 9 - Pipestone	CMA490	A	500	133,637	670	\$670	\$670
ZV-CMA490-B	Minnesota 9 - Pipestone	CMA490	B	500	133,637	670	\$670	\$670
ZV-CMA491-A	Minnesota 10 - Le Sueur	CMA491	A	500	240,003	1,200	\$1,200	\$1,200
ZV-CMA491-B	Minnesota 10 - Le Sueur	CMA491	B	500	240,003	1,200	\$1,200	\$1,200
ZV-CMA492-A	Minnesota 11 - Goodhue	CMA492	A	500	212,896	1,100	\$1,100	\$1,100
ZV-CMA492-B	Minnesota 11 - Goodhue	CMA492	B	500	212,896	1,100	\$1,100	\$1,100
ZV-CMA493-A	Mississippi 1 - Tunica	CMA493	A	500	183,347	920	\$920	\$920
ZV-CMA493-B	Mississippi 1 - Tunica	CMA493	B	500	183,347	920	\$920	\$920
ZV-CMA494-A	Mississippi 2 - Benton	CMA494	A	500	258,742	1,300	\$1,300	\$1,300
ZV-CMA494-B	Mississippi 2 - Benton	CMA494	B	500	258,742	1,300	\$1,300	\$1,300
ZV-CMA495-A	Mississippi 3 - Bolivar	CMA495	A	500	160,230	800	\$800	\$800
ZV-CMA495-B	Mississippi 3 - Bolivar	CMA495	B	500	160,230	800	\$800	\$800
ZV-CMA496-A	Mississippi 4 - Yalobusha	CMA496	A	500	130,816	650	\$650	\$650
ZV-CMA496-B	Mississippi 4 - Yalobusha	CMA496	B	500	130,816	650	\$650	\$650
ZV-CMA497-A	Mississippi 5 - Washington	CMA497	A	500	160,830	800	\$800	\$800
ZV-CMA497-B	Mississippi 5 - Washington	CMA497	B	500	160,830	800	\$800	\$800
ZV-CMA498-A	Mississippi 6 - Montgomery	CMA498	A	500	189,098	950	\$950	\$950
ZV-CMA498-B	Mississippi 6 - Montgomery	CMA498	B	500	189,098	950	\$950	\$950
ZV-CMA499-A	Mississippi 7 - Leake	CMA499	A	500	188,499	940	\$940	\$940
ZV-CMA499-B	Mississippi 7 - Leake	CMA499	B	500	188,499	940	\$940	\$940
ZV-CMA500-A	Mississippi 8 - Claiborne	CMA500	A	500	160,376	800	\$800	\$800
ZV-CMA500-B	Mississippi 8 - Claiborne	CMA500	B	500	160,376	800	\$800	\$800
ZV-CMA501-A	Mississippi 9 - Copiah	CMA501	A	500	124,367	620	\$620	\$620
ZV-CMA501-B	Mississippi 9 - Copiah	CMA501	B	500	124,367	620	\$620	\$620
ZV-CMA502-A	Mississippi 10 - Smith	CMA502	A	500	157,867	790	\$790	\$790
ZV-CMA502-B	Mississippi 10 - Smith	CMA502	B	500	157,867	790	\$790	\$790
ZV-CMA503-A	Mississippi 11 - Lamar	CMA503	A	500	204,876	1,000	\$1,000	\$1,000
ZV-CMA503-B	Mississippi 11 - Lamar	CMA503	B	500	204,876	1,000	\$1,000	\$1,000
ZV-CMA504-A	Missouri 1 - Atchison	CMA504	A	500	42,936	500	\$500	\$500
ZV-CMA504-B	Missouri 1 - Atchison	CMA504	B	500	42,936	500	\$500	\$500
ZV-CMA505-A	Missouri 2 - Harrison	CMA505	A	500	35,481	500	\$500	\$500
ZV-CMA505-B	Missouri 2 - Harrison	CMA505	B	500	35,481	500	\$500	\$500
ZV-CMA506-A	Missouri 3 - Schuyler	CMA506	A	500	56,401	500	\$500	\$500
ZV-CMA506-B	Missouri 3 - Schuyler	CMA506	B	500	56,401	500	\$500	\$500
ZV-CMA507-A	Missouri 4 - De Kalb	CMA507	A	500	72,404	500	\$500	\$500
ZV-CMA507-B	Missouri 4 - De Kalb	CMA507	B	500	72,404	500	\$500	\$500
ZV-CMA508-A	Missouri 5 - Linn	CMA508	A	500	69,416	500	\$500	\$500
ZV-CMA508-B	Missouri 5 - Linn	CMA508	B	500	69,416	500	\$500	\$500
ZV-CMA509-A	Missouri 6 - Marion	CMA509	A	500	91,430	500	\$500	\$500
ZV-CMA509-B	Missouri 6 - Marion	CMA509	B	500	91,430	500	\$500	\$500
ZV-CMA510-A	Missouri 7 - Saline	CMA510	A	500	171,259	860	\$860	\$860
ZV-CMA510-B	Missouri 7 - Saline	CMA510	B	500	171,259	860	\$860	\$860
ZV-CMA511-A	Missouri 8 - Callaway	CMA511	A	500	116,371	580	\$580	\$580
ZV-CMA511-B	Missouri 8 - Callaway	CMA511	B	500	116,371	580	\$580	\$580
ZV-CMA512-A	Missouri 9 - Bates	CMA512	A	500	82,489	500	\$500	\$500
ZV-CMA512-B	Missouri 9 - Bates	CMA512	B	500	82,489	500	\$500	\$500
ZV-CMA513-A	Missouri 10 - Benton	CMA513	A	500	105,824	530	\$530	\$530
ZV-CMA513-B	Missouri 10 - Benton	CMA513	B	500	105,824	530	\$530	\$530
ZV-CMA514-A	Missouri 11 - Moniteau	CMA514	A	500	157,501	790	\$790	\$790
ZV-CMA514-B	Missouri 11 - Moniteau	CMA514	B	500	157,501	790	\$790	\$790
ZV-CMA515-A	Missouri 12 - Maries	CMA515	A	500	127,624	640	\$640	\$640
ZV-CMA515-B	Missouri 12 - Maries	CMA515	B	500	127,624	640	\$640	\$640
ZV-CMA516-A	Missouri 13 - Washington	CMA516	A	500	96,827	500	\$500	\$500
ZV-CMA516-B	Missouri 13 - Washington	CMA516	B	500	96,827	500	\$500	\$500
ZV-CMA517-A	Missouri 14 - Barton	CMA517	A	500	111,359	560	\$560	\$560
ZV-CMA517-B	Missouri 14 - Barton	CMA517	B	500	111,359	560	\$560	\$560
ZV-CMA518-A	Missouri 15 - Stone	CMA518	A	500	128,225	640	\$640	\$640

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA518-B	Missouri 15 - Stone	CMA518	B	500	128,225	640	\$640	\$640
ZV-CMA519-A	Missouri 16 - Laclede	CMA519	A	500	104,516	520	\$520	\$520
ZV-CMA519-B	Missouri 16 - Laclede	CMA519	B	500	104,516	520	\$520	\$520
ZV-CMA520-A	Missouri 17 - Shannon	CMA520	A	500	55,504	500	\$500	\$500
ZV-CMA520-B	Missouri 17 - Shannon	CMA520	B	500	55,504	500	\$500	\$500
ZV-CMA521-A	Missouri 18 - Perry	CMA521	A	500	123,913	620	\$620	\$620
ZV-CMA521-B	Missouri 18 - Perry	CMA521	B	500	123,913	620	\$620	\$620
ZV-CMA522-A	Missouri 19 - Stoddard	CMA522	A	500	197,383	990	\$990	\$990
ZV-CMA522-B	Missouri 19 - Stoddard	CMA522	B	500	197,383	990	\$990	\$990
ZV-CMA523-A	Montana 1 - Lincoln	CMA523	A	500	156,158	780	\$780	\$780
ZV-CMA523-B	Montana 1 - Lincoln	CMA523	B	500	156,158	780	\$780	\$780
ZV-CMA524-A	Montana 2 - Toole	CMA524	A	500	37,077	500	\$500	\$500
ZV-CMA524-B	Montana 2 - Toole	CMA524	B	500	37,077	500	\$500	\$500
ZV-CMA525-A	Montana 3 - Phillips	CMA525	A	500	13,555	500	\$500	\$500
ZV-CMA525-B	Montana 3 - Phillips	CMA525	B	500	13,555	500	\$500	\$500
ZV-CMA526-A	Montana 4 - Daniels	CMA526	A	500	38,513	500	\$500	\$500
ZV-CMA526-B	Montana 4 - Daniels	CMA526	B	500	38,513	500	\$500	\$500
ZV-CMA527-A	Montana 5 - Mineral	CMA527	A	500	201,482	1,000	\$1,000	\$1,000
ZV-CMA527-B	Montana 5 - Mineral	CMA527	B	500	201,482	1,000	\$1,000	\$1,000
ZV-CMA528-A	Montana 6 - Deer Lodge	CMA528	A	500	64,977	500	\$500	\$500
ZV-CMA528-B	Montana 6 - Deer Lodge	CMA528	B	500	64,977	500	\$500	\$500
ZV-CMA529-A	Montana 7 - Fergus	CMA529	A	500	29,729	500	\$500	\$500
ZV-CMA529-B	Montana 7 - Fergus	CMA529	B	500	29,729	500	\$500	\$500
ZV-CMA530-A	Montana 8 - Beaverhead	CMA530	A	500	99,578	500	\$500	\$500
ZV-CMA530-B	Montana 8 - Beaverhead	CMA530	B	500	99,578	500	\$500	\$500
ZV-CMA531-A	Montana 9 - Carbon	CMA531	A	500	32,467	500	\$500	\$500
ZV-CMA531-B	Montana 9 - Carbon	CMA531	B	500	32,467	500	\$500	\$500
ZV-CMA532-A	Montana 10 - Prairie	CMA532	A	500	18,950	500	\$500	\$500
ZV-CMA532-B	Montana 10 - Prairie	CMA532	B	500	18,950	500	\$500	\$500
ZV-CMA533-A	Nebraska 1 - Sioux	CMA533	A	500	90,410	500	\$500	\$500
ZV-CMA533-B	Nebraska 1 - Sioux	CMA533	B	500	90,410	500	\$500	\$500
ZV-CMA534-A	Nebraska 2 - Cherry	CMA534	A	500	29,189	500	\$500	\$500
ZV-CMA534-B	Nebraska 2 - Cherry	CMA534	B	500	29,189	500	\$500	\$500
ZV-CMA535-A	Nebraska 3 - Knox	CMA535	A	500	117,334	590	\$590	\$590
ZV-CMA535-B	Nebraska 3 - Knox	CMA535	B	500	117,334	590	\$590	\$590
ZV-CMA536-A	Nebraska 4 - Grant	CMA536	A	500	34,344	500	\$500	\$500
ZV-CMA536-B	Nebraska 4 - Grant	CMA536	B	500	34,344	500	\$500	\$500
ZV-CMA537-A	Nebraska 5 - Boone	CMA537	A	500	149,780	750	\$750	\$750
ZV-CMA537-B	Nebraska 5 - Boone	CMA537	B	500	149,780	750	\$750	\$750
ZV-CMA538-A	Nebraska 6 - Keith	CMA538	A	500	113,331	570	\$570	\$570
ZV-CMA538-B	Nebraska 6 - Keith	CMA538	B	500	113,331	570	\$570	\$570
ZV-CMA539-A	Nebraska 7 - Hall	CMA539	A	500	94,031	500	\$500	\$500
ZV-CMA539-B	Nebraska 7 - Hall	CMA539	B	500	94,031	500	\$500	\$500
ZV-CMA540-A	Nebraska 8 - Chase	CMA540	A	500	56,542	500	\$500	\$500
ZV-CMA540-B	Nebraska 8 - Chase	CMA540	B	500	56,542	500	\$500	\$500
ZV-CMA541-A	Nebraska 9 - Adams	CMA541	A	500	82,173	500	\$500	\$500
ZV-CMA541-B	Nebraska 9 - Adams	CMA541	B	500	82,173	500	\$500	\$500
ZV-CMA542-A	Nebraska 10 - Cass	CMA542	A	500	87,405	500	\$500	\$500
ZV-CMA542-B	Nebraska 10 - Cass	CMA542	B	500	87,405	500	\$500	\$500
ZV-CMA543-A	Nevada 1 - Humboldt	CMA543	A	500	46,781	500	\$500	\$500
ZV-CMA543-B	Nevada 1 - Humboldt	CMA543	B	500	46,781	500	\$500	\$500
ZV-CMA544-A	Nevada 2 - Lander	CMA544	A	500	52,736	500	\$500	\$500
ZV-CMA544-B	Nevada 2 - Lander	CMA544	B	500	52,736	500	\$500	\$500
ZV-CMA545-A	Nevada 3 - Storey	CMA545	A	500	131,616	660	\$660	\$660
ZV-CMA545-B	Nevada 3 - Storey	CMA545	B	500	131,616	660	\$660	\$660
ZV-CMA546-A	Nevada 4 - Mineral	CMA546	A	500	38,527	500	\$500	\$500
ZV-CMA546-B	Nevada 4 - Mineral	CMA546	B	500	38,527	500	\$500	\$500
ZV-CMA547-A	Nevada 5 - White Pine	CMA547	A	500	13,346	500	\$500	\$500
ZV-CMA547-B	Nevada 5 - White Pine	CMA547	B	500	13,346	500	\$500	\$500
ZV-CMA548-A	New Hampshire 1 - Coos	CMA548	A	500	229,137	1,100	\$1,100	\$1,100
ZV-CMA548-B	New Hampshire 1 - Coos	CMA548	B	500	229,137	1,100	\$1,100	\$1,100
ZV-CMA549-A	New Hampshire 2 - Carroll	CMA549	A	500	236,216	1,200	\$1,200	\$1,200

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA549-B	New Hampshire 2 - Carroll	CMA549	B	500	236,216	1,200	\$1,200	\$1,200
ZV-CMA550-A	New Jersey 1 - Hunterdon	CMA550	A	500	121,989	610	\$610	\$610
ZV-CMA550-B	New Jersey 1 - Hunterdon	CMA550	B	500	121,989	610	\$610	\$610
ZV-CMA551-A	New Jersey 2 - Ocean	CMA551	A	500	510,916	2,600	\$2,600	\$2,600
ZV-CMA551-B	New Jersey 2 - Ocean	CMA551	B	500	510,916	2,600	\$2,600	\$2,600
ZV-CMA552-A	New Jersey 3 - Sussex	CMA552	A	500	144,166	720	\$720	\$720
ZV-CMA552-B	New Jersey 3 - Sussex	CMA552	B	500	144,166	720	\$720	\$720
ZV-CMA553-A	New Mexico 1 - San Juan	CMA553	A	500	285,363	1,400	\$1,400	\$1,400
ZV-CMA553-B	New Mexico 1 - San Juan	CMA553	B	500	285,363	1,400	\$1,400	\$1,400
ZV-CMA554-A	New Mexico 2 - Colfax	CMA554	A	500	24,353	500	\$500	\$500
ZV-CMA554-B	New Mexico 2 - Colfax	CMA554	B	500	24,353	500	\$500	\$500
ZV-CMA555-A	New Mexico 3 - Catron	CMA555	A	500	101,043	510	\$510	\$510
ZV-CMA555-B	New Mexico 3 - Catron	CMA555	B	500	101,043	510	\$510	\$510
ZV-CMA556-A	New Mexico 4 - Santa Fe	CMA556	A	500	274,809	1,400	\$1,400	\$1,400
ZV-CMA556-B	New Mexico 4 - Santa Fe	CMA556	B	500	274,809	1,400	\$1,400	\$1,400
ZV-CMA557-A	New Mexico 5 - Grant	CMA557	A	500	61,950	500	\$500	\$500
ZV-CMA557-B	New Mexico 5 - Grant	CMA557	B	500	61,950	500	\$500	\$500
ZV-CMA558-A	New Mexico 6 - Lincoln	CMA558	A	500	250,260	1,300	\$1,300	\$1,300
ZV-CMA558-B	New Mexico 6 - Lincoln	CMA558	B	500	250,260	1,300	\$1,300	\$1,300
ZV-CMA559-A	New York 1 - Jefferson	CMA559	A	500	250,613	1,300	\$1,300	\$1,300
ZV-CMA559-B	New York 1 - Jefferson	CMA559	B	500	250,613	1,300	\$1,300	\$1,300
ZV-CMA560-A	New York 2 - Franklin	CMA560	A	500	230,331	1,200	\$1,200	\$1,200
ZV-CMA560-B	New York 2 - Franklin	CMA560	B	500	230,331	1,200	\$1,200	\$1,200
ZV-CMA561-A	New York 3 - Chautauqua	CMA561	A	500	476,152	2,400	\$2,400	\$2,400
ZV-CMA561-B	New York 3 - Chautauqua	CMA561	B	500	476,152	2,400	\$2,400	\$2,400
ZV-CMA562-A	New York 4 - Yates	CMA562	A	500	355,651	1,800	\$1,800	\$1,800
ZV-CMA562-B	New York 4 - Yates	CMA562	B	500	355,651	1,800	\$1,800	\$1,800
ZV-CMA563-A	New York 5 - Otsego	CMA563	A	500	393,028	2,000	\$2,000	\$2,000
ZV-CMA563-B	New York 5 - Otsego	CMA563	B	500	393,028	2,000	\$2,000	\$2,000
ZV-CMA564-A	New York 6 - Columbia	CMA564	A	500	111,289	560	\$560	\$560
ZV-CMA564-B	New York 6 - Columbia	CMA564	B	500	111,289	560	\$560	\$560
ZV-CMA565-A	North Carolina 1 - Cherokee	CMA565	A	500	200,333	1,000	\$1,000	\$1,000
ZV-CMA565-B	North Carolina 1 - Cherokee	CMA565	B	500	200,333	1,000	\$1,000	\$1,000
ZV-CMA566-A	North Carolina 2 - Yancey	CMA566	A	500	170,738	850	\$850	\$850
ZV-CMA566-B	North Carolina 2 - Yancey	CMA566	B	500	170,738	850	\$850	\$850
ZV-CMA567-A	North Carolina 3 - Ashe	CMA567	A	500	171,912	860	\$860	\$860
ZV-CMA567-B	North Carolina 3 - Ashe	CMA567	B	500	171,912	860	\$860	\$860
ZV-CMA568-A	North Carolina 4 - Henderson	CMA568	A	500	372,614	1,900	\$1,900	\$1,900
ZV-CMA568-B	North Carolina 4 - Henderson	CMA568	B	500	372,614	1,900	\$1,900	\$1,900
ZV-CMA569-A	North Carolina 5 - Anson	CMA569	A	500	134,659	670	\$670	\$670
ZV-CMA569-B	North Carolina 5 - Anson	CMA569	B	500	134,659	670	\$670	\$670
ZV-CMA570-A	North Carolina 6 - Chatham	CMA570	A	500	173,138	870	\$870	\$870
ZV-CMA570-B	North Carolina 6 - Chatham	CMA570	B	500	173,138	870	\$870	\$870
ZV-CMA571-A	North Carolina 7 - Rockingham	CMA571	A	500	309,736	1,500	\$1,500	\$1,500
ZV-CMA571-B	North Carolina 7 - Rockingham	CMA571	B	500	309,736	1,500	\$1,500	\$1,500
ZV-CMA572-A	North Carolina 8 - Northampton	CMA572	A	500	296,296	1,500	\$1,500	\$1,500
ZV-CMA572-B	North Carolina 8 - Northampton	CMA572	B	500	296,296	1,500	\$1,500	\$1,500
ZV-CMA573-A	North Carolina 9 - Camden	CMA573	A	500	120,566	600	\$600	\$600
ZV-CMA573-B	North Carolina 9 - Camden	CMA573	B	500	120,566	600	\$600	\$600
ZV-CMA574-A	North Carolina 10 - Harnett	CMA574	A	500	326,319	1,600	\$1,600	\$1,600
ZV-CMA574-B	North Carolina 10 - Harnett	CMA574	B	500	326,319	1,600	\$1,600	\$1,600
ZV-CMA575-A	North Carolina 11 - Hoke	CMA575	A	500	244,012	1,200	\$1,200	\$1,200
ZV-CMA575-B	North Carolina 11 - Hoke	CMA575	B	500	244,012	1,200	\$1,200	\$1,200
ZV-CMA576-A	North Carolina 12 - Sampson	CMA576	A	500	150,306	750	\$750	\$750
ZV-CMA576-B	North Carolina 12 - Sampson	CMA576	B	500	150,306	750	\$750	\$750
ZV-CMA577-A	North Carolina 13 - Greene	CMA577	A	500	252,756	1,300	\$1,300	\$1,300
ZV-CMA577-B	North Carolina 13 - Greene	CMA577	B	500	252,756	1,300	\$1,300	\$1,300
ZV-CMA578-A	North Carolina 14 - Pitt	CMA578	A	500	258,014	1,300	\$1,300	\$1,300
ZV-CMA578-B	North Carolina 14 - Pitt	CMA578	B	500	258,014	1,300	\$1,300	\$1,300
ZV-CMA579-A	North Carolina 15 - Cabarrus	CMA579	A	500	476,998	2,400	\$2,400	\$2,400
ZV-CMA579-B	North Carolina 15 - Cabarrus	CMA579	B	500	476,998	2,400	\$2,400	\$2,400
ZV-CMA580-A	North Dakota 1 - Divide	CMA580	A	500	101,633	510	\$510	\$510

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA580-B	North Dakota 1 - Divide	CMA580	B	500	101,633	510	\$510	\$510
ZV-CMA581-A	North Dakota 2 - Bottineau	CMA581	A	500	58,222	500	\$500	\$500
ZV-CMA581-B	North Dakota 2 - Bottineau	CMA581	B	500	58,222	500	\$500	\$500
ZV-CMA582-A	North Dakota 3 - Barnes	CMA582	A	500	88,665	500	\$500	\$500
ZV-CMA582-B	North Dakota 3 - Barnes	CMA582	B	500	88,665	500	\$500	\$500
ZV-CMA583-A	North Dakota 4 - McKenzie	CMA583	A	500	61,696	500	\$500	\$500
ZV-CMA583-B	North Dakota 4 - McKenzie	CMA583	B	500	61,696	500	\$500	\$500
ZV-CMA584-A	North Dakota 5 - Kidder	CMA584	A	500	48,018	500	\$500	\$500
ZV-CMA584-B	North Dakota 5 - Kidder	CMA584	B	500	48,018	500	\$500	\$500
ZV-CMA585-A	Ohio 1 - Williams	CMA585	A	500	128,191	640	\$640	\$640
ZV-CMA585-B	Ohio 1 - Williams	CMA585	B	500	128,191	640	\$640	\$640
ZV-CMA586-A	Ohio 2 - Sandusky	CMA586	A	500	259,513	1,300	\$1,300	\$1,300
ZV-CMA586-B	Ohio 2 - Sandusky	CMA586	B	500	259,513	1,300	\$1,300	\$1,300
ZV-CMA587-A	Ohio 3 - Ashtabula	CMA587	A	500	102,728	510	\$510	\$510
ZV-CMA587-B	Ohio 3 - Ashtabula	CMA587	B	500	102,728	510	\$510	\$510
ZV-CMA588-A	Ohio 4 - Mercer	CMA588	A	500	229,057	1,100	\$1,100	\$1,100
ZV-CMA588-B	Ohio 4 - Mercer	CMA588	B	500	229,057	1,100	\$1,100	\$1,100
ZV-CMA589-A	Ohio 5 - Hancock	CMA589	A	500	239,331	1,200	\$1,200	\$1,200
ZV-CMA589-B	Ohio 5 - Hancock	CMA589	B	500	239,331	1,200	\$1,200	\$1,200
ZV-CMA590-A	Ohio 6 - Morrow	CMA590	A	500	471,304	2,400	\$2,400	\$2,400
ZV-CMA590-B	Ohio 6 - Morrow	CMA590	B	500	471,304	2,400	\$2,400	\$2,400
ZV-CMA591-A	Ohio 7 - Tuscarawas	CMA591	A	500	261,385	1,300	\$1,300	\$1,300
ZV-CMA591-B	Ohio 7 - Tuscarawas	CMA591	B	500	261,385	1,300	\$1,300	\$1,300
ZV-CMA592-A	Ohio 8 - Clinton	CMA592	A	500	179,466	900	\$900	\$900
ZV-CMA592-B	Ohio 8 - Clinton	CMA592	B	500	179,466	900	\$900	\$900
ZV-CMA593-A	Ohio 9 - Ross	CMA593	A	500	243,945	1,200	\$1,200	\$1,200
ZV-CMA593-B	Ohio 9 - Ross	CMA593	B	500	243,945	1,200	\$1,200	\$1,200
ZV-CMA594-A	Ohio 10 - Perry	CMA594	A	500	175,317	880	\$880	\$880
ZV-CMA594-B	Ohio 10 - Perry	CMA594	B	500	175,317	880	\$880	\$880
ZV-CMA595-A	Ohio 11 - Columbiana	CMA595	A	500	112,075	560	\$560	\$560
ZV-CMA595-B	Ohio 11 - Columbiana	CMA595	B	500	112,075	560	\$560	\$560
ZV-CMA596-A	Oklahoma 1 - Cimarron	CMA596	A	500	29,112	500	\$500	\$500
ZV-CMA596-B	Oklahoma 1 - Cimarron	CMA596	B	500	29,112	500	\$500	\$500
ZV-CMA597-A	Oklahoma 2 - Harper	CMA597	A	500	48,862	500	\$500	\$500
ZV-CMA597-B	Oklahoma 2 - Harper	CMA597	B	500	48,862	500	\$500	\$500
ZV-CMA598-A	Oklahoma 3 - Grant	CMA598	A	500	215,441	1,100	\$1,100	\$1,100
ZV-CMA598-B	Oklahoma 3 - Grant	CMA598	B	500	215,441	1,100	\$1,100	\$1,100
ZV-CMA599-A	Oklahoma 4 - Nowata	CMA599	A	500	208,345	1,000	\$1,000	\$1,000
ZV-CMA599-B	Oklahoma 4 - Nowata	CMA599	B	500	208,345	1,000	\$1,000	\$1,000
ZV-CMA600-A	Oklahoma 5 - Roger Mills	CMA600	A	500	60,223	500	\$500	\$500
ZV-CMA600-B	Oklahoma 5 - Roger Mills	CMA600	B	500	60,223	500	\$500	\$500
ZV-CMA601-A	Oklahoma 6 - Seminole	CMA601	A	500	223,407	1,100	\$1,100	\$1,100
ZV-CMA601-B	Oklahoma 6 - Seminole	CMA601	B	500	223,407	1,100	\$1,100	\$1,100
ZV-CMA602-A	Oklahoma 7 - Beckham	CMA602	A	500	126,544	630	\$630	\$630
ZV-CMA602-B	Oklahoma 7 - Beckham	CMA602	B	500	126,544	630	\$630	\$630
ZV-CMA603-A	Oklahoma 8 - Jackson	CMA603	A	500	94,340	500	\$500	\$500
ZV-CMA603-B	Oklahoma 8 - Jackson	CMA603	B	500	94,340	500	\$500	\$500
ZV-CMA604-A	Oklahoma 9 - Garvin	CMA604	A	500	209,569	1,000	\$1,000	\$1,000
ZV-CMA604-B	Oklahoma 9 - Garvin	CMA604	B	500	209,569	1,000	\$1,000	\$1,000
ZV-CMA605-A	Oklahoma 10 - Haskell	CMA605	A	500	83,895	500	\$500	\$500
ZV-CMA605-B	Oklahoma 10 - Haskell	CMA605	B	500	83,895	500	\$500	\$500
ZV-CMA606-A	Oregon 1 - Clatsop	CMA606	A	500	188,444	940	\$940	\$940
ZV-CMA606-B	Oregon 1 - Clatsop	CMA606	B	500	188,444	940	\$940	\$940
ZV-CMA607-A	Oregon 2 - Hood River	CMA607	A	500	79,602	500	\$500	\$500
ZV-CMA607-B	Oregon 2 - Hood River	CMA607	B	500	79,602	500	\$500	\$500
ZV-CMA608-A	Oregon 3 - Umatilla	CMA608	A	500	158,595	790	\$790	\$790
ZV-CMA608-B	Oregon 3 - Umatilla	CMA608	B	500	158,595	790	\$790	\$790
ZV-CMA609-A	Oregon 4 - Lincoln	CMA609	A	500	225,701	1,100	\$1,100	\$1,100
ZV-CMA609-B	Oregon 4 - Lincoln	CMA609	B	500	225,701	1,100	\$1,100	\$1,100
ZV-CMA610-A	Oregon 5 - Coos	CMA610	A	500	260,041	1,300	\$1,300	\$1,300
ZV-CMA610-B	Oregon 5 - Coos	CMA610	B	500	260,041	1,300	\$1,300	\$1,300
ZV-CMA611-A	Oregon 6 - Crook	CMA611	A	500	213,355	1,100	\$1,100	\$1,100

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA611-B	Oregon 6 - Crook	CMA611	B	500	213,355	1,100	\$1,100	\$1,100
ZV-CMA612-A	Pennsylvania 1 - Crawford	CMA612	A	500	196,740	980	\$980	\$980
ZV-CMA612-B	Pennsylvania 1 - Crawford	CMA612	B	500	196,740	980	\$980	\$980
ZV-CMA613-A	Pennsylvania 2 - McKean	CMA613	A	500	87,022	500	\$500	\$500
ZV-CMA613-B	Pennsylvania 2 - McKean	CMA613	B	500	87,022	500	\$500	\$500
ZV-CMA614-A	Pennsylvania 3 - Potter	CMA614	A	500	97,367	500	\$500	\$500
ZV-CMA614-B	Pennsylvania 3 - Potter	CMA614	B	500	97,367	500	\$500	\$500
ZV-CMA615-A	Pennsylvania 4 - Bradford	CMA615	A	500	97,397	500	\$500	\$500
ZV-CMA615-B	Pennsylvania 4 - Bradford	CMA615	B	500	97,397	500	\$500	\$500
ZV-CMA616-A	Pennsylvania 5 - Wayne	CMA616	A	500	94,024	500	\$500	\$500
ZV-CMA616-B	Pennsylvania 5 - Wayne	CMA616	B	500	94,024	500	\$500	\$500
ZV-CMA617-A	Pennsylvania 6 - Lawrence	CMA617	A	500	382,883	1,900	\$1,900	\$1,900
ZV-CMA617-B	Pennsylvania 6 - Lawrence	CMA617	B	500	382,883	1,900	\$1,900	\$1,900
ZV-CMA618-A	Pennsylvania 7 - Jefferson	CMA618	A	500	218,919	1,100	\$1,100	\$1,100
ZV-CMA618-B	Pennsylvania 7 - Jefferson	CMA618	B	500	218,919	1,100	\$1,100	\$1,100
ZV-CMA619-A	Pennsylvania 8 - Union	CMA619	A	500	406,449	2,000	\$2,000	\$2,000
ZV-CMA619-B	Pennsylvania 8 - Union	CMA619	B	500	406,449	2,000	\$2,000	\$2,000
ZV-CMA620-A	Pennsylvania 9 - Greene	CMA620	A	500	189,316	950	\$950	\$950
ZV-CMA620-B	Pennsylvania 9 - Greene	CMA620	B	500	189,316	950	\$950	\$950
ZV-CMA621-A	Pennsylvania 10 - Bedford	CMA621	A	500	193,558	970	\$970	\$970
ZV-CMA621-B	Pennsylvania 10 - Bedford	CMA621	B	500	193,558	970	\$970	\$970
ZV-CMA622-A	Pennsylvania 11 - Huntingdon	CMA622	A	500	114,893	570	\$570	\$570
ZV-CMA622-B	Pennsylvania 11 - Huntingdon	CMA622	B	500	114,893	570	\$570	\$570
ZV-CMA623-A	Pennsylvania 12 - Lebanon	CMA623	A	500	120,327	600	\$600	\$600
ZV-CMA623-B	Pennsylvania 12 - Lebanon	CMA623	B	500	120,327	600	\$600	\$600
ZV-CMA624-A	Rhode Island 1 - Newport	CMA624	A	500	85,433	500	\$500	\$500
ZV-CMA624-B	Rhode Island 1 - Newport	CMA624	B	500	85,433	500	\$500	\$500
ZV-CMA625-A	South Carolina 1 - Oconee	CMA625	A	500	66,215	500	\$500	\$500
ZV-CMA625-B	South Carolina 1 - Oconee	CMA625	B	500	66,215	500	\$500	\$500
ZV-CMA626-A	South Carolina 2 - Laurens	CMA626	A	500	251,847	1,300	\$1,300	\$1,300
ZV-CMA626-B	South Carolina 2 - Laurens	CMA626	B	500	251,847	1,300	\$1,300	\$1,300
ZV-CMA627-A	South Carolina 3 - Cherokee	CMA627	A	500	139,940	700	\$700	\$700
ZV-CMA627-B	South Carolina 3 - Cherokee	CMA627	B	500	139,940	700	\$700	\$700
ZV-CMA628-A	South Carolina 4 - Chesterfield	CMA628	A	500	222,349	1,100	\$1,100	\$1,100
ZV-CMA628-B	South Carolina 4 - Chesterfield	CMA628	B	500	222,349	1,100	\$1,100	\$1,100
ZV-CMA629-A	South Carolina 5 - Georgetown	CMA629	A	500	287,892	1,400	\$1,400	\$1,400
ZV-CMA629-B	South Carolina 5 - Georgetown	CMA629	B	500	287,892	1,400	\$1,400	\$1,400
ZV-CMA630-A	South Carolina 6 - Clarendon	CMA630	A	500	194,484	970	\$970	\$970
ZV-CMA630-B	South Carolina 6 - Clarendon	CMA630	B	500	194,484	970	\$970	\$970
ZV-CMA631-A	South Carolina 7 - Calhoun	CMA631	A	500	158,114	790	\$790	\$790
ZV-CMA631-B	South Carolina 7 - Calhoun	CMA631	B	500	158,114	790	\$790	\$790
ZV-CMA632-A	South Carolina 8 - Hampton	CMA632	A	500	201,265	1,000	\$1,000	\$1,000
ZV-CMA632-B	South Carolina 8 - Hampton	CMA632	B	500	201,265	1,000	\$1,000	\$1,000
ZV-CMA633-A	South Carolina 9 - Lancaster	CMA633	A	500	225,965	1,100	\$1,100	\$1,100
ZV-CMA633-B	South Carolina 9 - Lancaster	CMA633	B	500	225,965	1,100	\$1,100	\$1,100
ZV-CMA634-A	South Dakota 1 - Harding	CMA634	A	500	35,612	500	\$500	\$500
ZV-CMA634-B	South Dakota 1 - Harding	CMA634	B	500	35,612	500	\$500	\$500
ZV-CMA635-A	South Dakota 2 - Corson	CMA635	A	500	23,121	500	\$500	\$500
ZV-CMA635-B	South Dakota 2 - Corson	CMA635	B	500	23,121	500	\$500	\$500
ZV-CMA636-A	South Dakota 3 - McPherson	CMA636	A	500	52,825	500	\$500	\$500
ZV-CMA636-B	South Dakota 3 - McPherson	CMA636	B	500	52,825	500	\$500	\$500
ZV-CMA637-A	South Dakota 4 - Marshall	CMA637	A	500	68,784	500	\$500	\$500
ZV-CMA637-B	South Dakota 4 - Marshall	CMA637	B	500	68,784	500	\$500	\$500
ZV-CMA638-A	South Dakota 5 - Custer	CMA638	A	500	27,194	500	\$500	\$500
ZV-CMA638-B	South Dakota 5 - Custer	CMA638	B	500	27,194	500	\$500	\$500
ZV-CMA639-A	South Dakota 6 - Haakon	CMA639	A	500	38,915	500	\$500	\$500
ZV-CMA639-B	South Dakota 6 - Haakon	CMA639	B	500	38,915	500	\$500	\$500
ZV-CMA640-A	South Dakota 7 - Sully	CMA640	A	500	67,747	500	\$500	\$500
ZV-CMA640-B	South Dakota 7 - Sully	CMA640	B	500	67,747	500	\$500	\$500
ZV-CMA641-A	South Dakota 8 - Kingsbury	CMA641	A	500	74,488	500	\$500	\$500
ZV-CMA641-B	South Dakota 8 - Kingsbury	CMA641	B	500	74,488	500	\$500	\$500
ZV-CMA642-A	South Dakota 9 - Hanson	CMA642	A	500	105,059	530	\$530	\$530

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA642-B	South Dakota 9 - Hanson	CMA642	B	500	105,059	530	\$530	\$530
ZV-CMA643-A	Tennessee 1 - Lake	CMA643	A	500	317,877	1,600	\$1,600	\$1,600
ZV-CMA643-B	Tennessee 1 - Lake	CMA643	B	500	317,877	1,600	\$1,600	\$1,600
ZV-CMA644-A	Tennessee 2 - Cannon	CMA644	A	500	177,193	890	\$890	\$890
ZV-CMA644-B	Tennessee 2 - Cannon	CMA644	B	500	177,193	890	\$890	\$890
ZV-CMA645-A	Tennessee 3 - Macon	CMA645	A	500	366,706	1,800	\$1,800	\$1,800
ZV-CMA645-B	Tennessee 3 - Macon	CMA645	B	500	366,706	1,800	\$1,800	\$1,800
ZV-CMA646-A	Tennessee 4 - Hamblen	CMA646	A	500	290,725	1,500	\$1,500	\$1,500
ZV-CMA646-B	Tennessee 4 - Hamblen	CMA646	B	500	290,725	1,500	\$1,500	\$1,500
ZV-CMA647-A	Tennessee 5 - Fayette	CMA647	A	500	369,630	1,800	\$1,800	\$1,800
ZV-CMA647-B	Tennessee 5 - Fayette	CMA647	B	500	369,630	1,800	\$1,800	\$1,800
ZV-CMA648-A	Tennessee 6 - Giles	CMA648	A	500	170,150	850	\$850	\$850
ZV-CMA648-B	Tennessee 6 - Giles	CMA648	B	500	170,150	850	\$850	\$850
ZV-CMA649-A	Tennessee 7 - Bledsoe	CMA649	A	500	282,930	1,400	\$1,400	\$1,400
ZV-CMA649-B	Tennessee 7 - Bledsoe	CMA649	B	500	282,930	1,400	\$1,400	\$1,400
ZV-CMA650-A	Tennessee 8 - Johnson	CMA650	A	500	17,499	500	\$500	\$500
ZV-CMA650-B	Tennessee 8 - Johnson	CMA650	B	500	17,499	500	\$500	\$500
ZV-CMA651-A	Tennessee 9 - Maury	CMA651	A	500	69,498	500	\$500	\$500
ZV-CMA651-B	Tennessee 9 - Maury	CMA651	B	500	69,498	500	\$500	\$500
ZV-CMA652-A	Texas 1 - Dallam	CMA652	A	500	55,812	500	\$500	\$500
ZV-CMA652-B	Texas 1 - Dallam	CMA652	B	500	55,812	500	\$500	\$500
ZV-CMA653-A	Texas 2 - Hansford	CMA653	A	500	89,253	500	\$500	\$500
ZV-CMA653-B	Texas 2 - Hansford	CMA653	B	500	89,253	500	\$500	\$500
ZV-CMA654-A	Texas 3 - Parmer	CMA654	A	500	137,663	690	\$690	\$690
ZV-CMA654-B	Texas 3 - Parmer	CMA654	B	500	137,663	690	\$690	\$690
ZV-CMA655-A	Texas 4 - Briscoe	CMA655	A	500	41,975	500	\$500	\$500
ZV-CMA655-B	Texas 4 - Briscoe	CMA655	B	500	41,975	500	\$500	\$500
ZV-CMA656-A	Texas 5 - Hardeman	CMA656	A	500	77,084	500	\$500	\$500
ZV-CMA656-B	Texas 5 - Hardeman	CMA656	B	500	77,084	500	\$500	\$500
ZV-CMA657-A	Texas 6 - Jack	CMA657	A	500	91,269	500	\$500	\$500
ZV-CMA657-B	Texas 6 - Jack	CMA657	B	500	91,269	500	\$500	\$500
ZV-CMA658-A	Texas 7 - Fannin	CMA658	A	500	392,672	2,000	\$2,000	\$2,000
ZV-CMA658-B	Texas 7 - Fannin	CMA658	B	500	392,672	2,000	\$2,000	\$2,000
ZV-CMA659-A	Texas 8 - Gaines	CMA659	A	500	134,426	670	\$670	\$670
ZV-CMA659-B	Texas 8 - Gaines	CMA659	B	500	134,426	670	\$670	\$670
ZV-CMA660-A	Texas 9 - Runnels	CMA660	A	500	193,442	970	\$970	\$970
ZV-CMA660-B	Texas 9 - Runnels	CMA660	B	500	193,442	970	\$970	\$970
ZV-CMA661-A	Texas 10 - Navarro	CMA661	A	500	335,717	1,700	\$1,700	\$1,700
ZV-CMA661-B	Texas 10 - Navarro	CMA661	B	500	335,717	1,700	\$1,700	\$1,700
ZV-CMA662-A	Texas 11 - Cherokee	CMA662	A	500	300,759	1,500	\$1,500	\$1,500
ZV-CMA662-B	Texas 11 - Cherokee	CMA662	B	500	300,759	1,500	\$1,500	\$1,500
ZV-CMA663-A	Texas 12 - Hudspeth	CMA663	A	500	24,696	500	\$500	\$500
ZV-CMA663-B	Texas 12 - Hudspeth	CMA663	B	500	24,696	500	\$500	\$500
ZV-CMA664-A	Texas 13 - Reeves	CMA664	A	500	31,027	500	\$500	\$500
ZV-CMA664-B	Texas 13 - Reeves	CMA664	B	500	31,027	500	\$500	\$500
ZV-CMA665-A	Texas 14 - Loving	CMA665	A	500	41,757	500	\$500	\$500
ZV-CMA665-B	Texas 14 - Loving	CMA665	B	500	41,757	500	\$500	\$500
ZV-CMA666-A	Texas 15 - Concho	CMA666	A	500	194,504	970	\$970	\$970
ZV-CMA666-B	Texas 15 - Concho	CMA666	B	500	194,504	970	\$970	\$970
ZV-CMA667-A	Texas 16 - Burleson	CMA667	A	500	349,585	1,700	\$1,700	\$1,700
ZV-CMA667-B	Texas 16 - Burleson	CMA667	B	500	349,585	1,700	\$1,700	\$1,700
ZV-CMA668-A	Texas 17 - Newton	CMA668	A	500	270,140	1,400	\$1,400	\$1,400
ZV-CMA668-B	Texas 17 - Newton	CMA668	B	500	270,140	1,400	\$1,400	\$1,400
ZV-CMA669-A	Texas 18 - Edwards	CMA669	A	500	227,582	1,100	\$1,100	\$1,100
ZV-CMA669-B	Texas 18 - Edwards	CMA669	B	500	227,582	1,100	\$1,100	\$1,100
ZV-CMA670-A	Texas 19 - Atascosa	CMA670	A	500	235,315	1,200	\$1,200	\$1,200
ZV-CMA670-B	Texas 19 - Atascosa	CMA670	B	500	235,315	1,200	\$1,200	\$1,200
ZV-CMA671-A	Texas 20 - Wilson	CMA671	A	500	158,126	790	\$790	\$790
ZV-CMA671-B	Texas 20 - Wilson	CMA671	B	500	158,126	790	\$790	\$790
ZV-CMA672-A	Texas 21 - Chambers	CMA672	A	500	26,031	500	\$500	\$500
ZV-CMA672-B	Texas 21 - Chambers	CMA672	B	500	26,031	500	\$500	\$500
ZV-CMA673-A	Utah 1 - Box Elder	CMA673	A	500	136,097	680	\$680	\$680

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA673-B	Utah 1 - Box Elder	CMA673	B	500	136,097	680	\$680	\$680
ZV-CMA674-A	Utah 2 - Morgan	CMA674	A	500	52,080	500	\$500	\$500
ZV-CMA674-B	Utah 2 - Morgan	CMA674	B	500	52,080	500	\$500	\$500
ZV-CMA675-A	Utah 3 - Juab	CMA675	A	500	62,248	500	\$500	\$500
ZV-CMA675-B	Utah 3 - Juab	CMA675	B	500	62,248	500	\$500	\$500
ZV-CMA676-A	Utah 4 - Beaver	CMA676	A	500	130,138	650	\$650	\$650
ZV-CMA676-B	Utah 4 - Beaver	CMA676	B	500	130,138	650	\$650	\$650
ZV-CMA677-A	Utah 5 - Carbon	CMA677	A	500	80,283	500	\$500	\$500
ZV-CMA677-B	Utah 5 - Carbon	CMA677	B	500	80,283	500	\$500	\$500
ZV-CMA678-A	Utah 6 - Piute	CMA678	A	500	29,138	500	\$500	\$500
ZV-CMA678-B	Utah 6 - Piute	CMA678	B	500	29,138	500	\$500	\$500
ZV-CMA679-A	Vermont 1 - Franklin	CMA679	A	500	217,353	1,100	\$1,100	\$1,100
ZV-CMA679-B	Vermont 1 - Franklin	CMA679	B	500	217,353	1,100	\$1,100	\$1,100
ZV-CMA680-A	Vermont 2 - Addison	CMA680	A	500	238,002	1,200	\$1,200	\$1,200
ZV-CMA680-B	Vermont 2 - Addison	CMA680	B	500	238,002	1,200	\$1,200	\$1,200
ZV-CMA681-A	Virginia 1 - Lee	CMA681	A	500	141,297	710	\$710	\$710
ZV-CMA681-B	Virginia 1 - Lee	CMA681	B	500	141,297	710	\$710	\$710
ZV-CMA682-A	Virginia 2 - Tazewell	CMA682	A	500	136,903	680	\$680	\$680
ZV-CMA682-B	Virginia 2 - Tazewell	CMA682	B	500	136,903	680	\$680	\$680
ZV-CMA683-A	Virginia 3 - Giles	CMA683	A	500	213,798	1,100	\$1,100	\$1,100
ZV-CMA683-B	Virginia 3 - Giles	CMA683	B	500	213,798	1,100	\$1,100	\$1,100
ZV-CMA684-A	Virginia 4 - Bedford	CMA684	A	500	187,302	940	\$940	\$940
ZV-CMA684-B	Virginia 4 - Bedford	CMA684	B	500	187,302	940	\$940	\$940
ZV-CMA685-A	Virginia 5 - Bath	CMA685	A	500	62,590	500	\$500	\$500
ZV-CMA685-B	Virginia 5 - Bath	CMA685	B	500	62,590	500	\$500	\$500
ZV-CMA686-A	Virginia 6 - Highland	CMA686	A	500	234,162	1,200	\$1,200	\$1,200
ZV-CMA686-B	Virginia 6 - Highland	CMA686	B	500	234,162	1,200	\$1,200	\$1,200
ZV-CMA687-A	Virginia 7 - Buckingham	CMA687	A	500	94,187	500	\$500	\$500
ZV-CMA687-B	Virginia 7 - Buckingham	CMA687	B	500	94,187	500	\$500	\$500
ZV-CMA688-A	Virginia 8 - Amelia	CMA688	A	500	91,070	500	\$500	\$500
ZV-CMA688-B	Virginia 8 - Amelia	CMA688	B	500	91,070	500	\$500	\$500
ZV-CMA689-A	Virginia 9 - Greensville	CMA689	A	500	92,114	500	\$500	\$500
ZV-CMA689-B	Virginia 9 - Greensville	CMA689	B	500	92,114	500	\$500	\$500
ZV-CMA690-A	Virginia 10 - Frederick	CMA690	A	500	247,404	1,200	\$1,200	\$1,200
ZV-CMA690-B	Virginia 10 - Frederick	CMA690	B	500	247,404	1,200	\$1,200	\$1,200
ZV-CMA691-A	Virginia 11 - Madison	CMA691	A	500	300,410	1,500	\$1,500	\$1,500
ZV-CMA691-B	Virginia 11 - Madison	CMA691	B	500	300,410	1,500	\$1,500	\$1,500
ZV-CMA692-A	Virginia 12 - Caroline	CMA692	A	500	188,579	940	\$940	\$940
ZV-CMA692-B	Virginia 12 - Caroline	CMA692	B	500	188,579	940	\$940	\$940
ZV-CMA693-A	Washington 1 - Clallam	CMA693	A	500	279,092	1,400	\$1,400	\$1,400
ZV-CMA693-B	Washington 1 - Clallam	CMA693	B	500	279,092	1,400	\$1,400	\$1,400
ZV-CMA694-A	Washington 2 - Okanogan	CMA694	A	500	138,783	690	\$690	\$690
ZV-CMA694-B	Washington 2 - Okanogan	CMA694	B	500	138,783	690	\$690	\$690
ZV-CMA695-A	Washington 3 - Ferry	CMA695	A	500	59,058	500	\$500	\$500
ZV-CMA695-B	Washington 3 - Ferry	CMA695	B	500	59,058	500	\$500	\$500
ZV-CMA696-A	Washington 4 - Grays Harbor	CMA696	A	500	116,599	580	\$580	\$580
ZV-CMA696-B	Washington 4 - Grays Harbor	CMA696	B	500	116,599	580	\$580	\$580
ZV-CMA697-A	Washington 5 - Kittitas	CMA697	A	500	134,672	670	\$670	\$670
ZV-CMA697-B	Washington 5 - Kittitas	CMA697	B	500	134,672	670	\$670	\$670
ZV-CMA698-A	Washington 6 - Pacific	CMA698	A	500	186,356	930	\$930	\$930
ZV-CMA698-B	Washington 6 - Pacific	CMA698	B	500	186,356	930	\$930	\$930
ZV-CMA699-A	Washington 7 - Skamania	CMA699	A	500	29,033	500	\$500	\$500
ZV-CMA699-B	Washington 7 - Skamania	CMA699	B	500	29,033	500	\$500	\$500
ZV-CMA700-A	Washington 8 - Whitman	CMA700	A	500	122,932	610	\$610	\$610
ZV-CMA700-B	Washington 8 - Whitman	CMA700	B	500	122,932	610	\$610	\$610
ZV-CMA701-A	West Virginia 1 - Mason	CMA701	A	500	76,985	500	\$500	\$500
ZV-CMA701-B	West Virginia 1 - Mason	CMA701	B	500	76,985	500	\$500	\$500
ZV-CMA702-A	West Virginia 2 - Wetzel	CMA702	A	500	76,624	500	\$500	\$500
ZV-CMA702-B	West Virginia 2 - Wetzel	CMA702	B	500	76,624	500	\$500	\$500
ZV-CMA703-A	West Virginia 3 - Monongalia	CMA703	A	500	268,096	1,300	\$1,300	\$1,300
ZV-CMA703-B	West Virginia 3 - Monongalia	CMA703	B	500	268,096	1,300	\$1,300	\$1,300
ZV-CMA704-A	West Virginia 4 - Grant	CMA704	A	500	185,405	930	\$930	\$930

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
ZV-CMA704-B	West Virginia 4 - Grant	CMA704	B	500	185,405	930	\$930	\$930
ZV-CMA705-A	West Virginia 5 - Tucker	CMA705	A	500	129,431	650	\$650	\$650
ZV-CMA705-B	West Virginia 5 - Tucker	CMA705	B	500	129,431	650	\$650	\$650
ZV-CMA706-A	West Virginia 6 - Lincoln	CMA706	A	500	166,643	830	\$830	\$830
ZV-CMA706-B	West Virginia 6 - Lincoln	CMA706	B	500	166,643	830	\$830	\$830
ZV-CMA707-A	West Virginia 7 - Raleigh	CMA707	A	500	251,814	1,300	\$1,300	\$1,300
ZV-CMA707-B	West Virginia 7 - Raleigh	CMA707	B	500	251,814	1,300	\$1,300	\$1,300
ZV-CMA708-A	Wisconsin 1 - Burnett	CMA708	A	500	117,992	590	\$590	\$590
ZV-CMA708-B	Wisconsin 1 - Burnett	CMA708	B	500	117,992	590	\$590	\$590
ZV-CMA709-A	Wisconsin 2 - Bayfield	CMA709	A	500	86,105	500	\$500	\$500
ZV-CMA709-B	Wisconsin 2 - Bayfield	CMA709	B	500	86,105	500	\$500	\$500
ZV-CMA710-A	Wisconsin 3 - Vilas	CMA710	A	500	142,982	710	\$710	\$710
ZV-CMA710-B	Wisconsin 3 - Vilas	CMA710	B	500	142,982	710	\$710	\$710
ZV-CMA711-A	Wisconsin 4 - Marinette	CMA711	A	500	124,244	620	\$620	\$620
ZV-CMA711-B	Wisconsin 4 - Marinette	CMA711	B	500	124,244	620	\$620	\$620
ZV-CMA712-A	Wisconsin 5 - Pierce	CMA712	A	500	97,679	500	\$500	\$500
ZV-CMA712-B	Wisconsin 5 - Pierce	CMA712	B	500	97,679	500	\$500	\$500
ZV-CMA713-A	Wisconsin 6 - Trempealeau	CMA713	A	500	120,566	600	\$600	\$600
ZV-CMA713-B	Wisconsin 6 - Trempealeau	CMA713	B	500	120,566	600	\$600	\$600
ZV-CMA714-A	Wisconsin 7 - Wood	CMA714	A	500	295,518	1,500	\$1,500	\$1,500
ZV-CMA714-B	Wisconsin 7 - Wood	CMA714	B	500	295,518	1,500	\$1,500	\$1,500
ZV-CMA715-A	Wisconsin 8 - Vernon	CMA715	A	500	240,609	1,200	\$1,200	\$1,200
ZV-CMA715-B	Wisconsin 8 - Vernon	CMA715	B	500	240,609	1,200	\$1,200	\$1,200
ZV-CMA716-A	Wisconsin 9 - Columbia	CMA716	A	500	403,441	2,000	\$2,000	\$2,000
ZV-CMA716-B	Wisconsin 9 - Columbia	CMA716	B	500	403,441	2,000	\$2,000	\$2,000
ZV-CMA717-A	Wisconsin 10 - Door	CMA717	A	500	131,035	660	\$660	\$660
ZV-CMA717-B	Wisconsin 10 - Door	CMA717	B	500	131,035	660	\$660	\$660
ZV-CMA718-A	Wyoming 1 - Park	CMA718	A	500	50,418	500	\$500	\$500
ZV-CMA718-B	Wyoming 1 - Park	CMA718	B	500	50,418	500	\$500	\$500
ZV-CMA719-A	Wyoming 2 - Sheridan	CMA719	A	500	79,864	500	\$500	\$500
ZV-CMA719-B	Wyoming 2 - Sheridan	CMA719	B	500	79,864	500	\$500	\$500
ZV-CMA720-A	Wyoming 3 - Lincoln	CMA720	A	500	147,542	740	\$740	\$740
ZV-CMA720-B	Wyoming 3 - Lincoln	CMA720	B	500	147,542	740	\$740	\$740
ZV-CMA721-A	Wyoming 4 - Niobrara	CMA721	A	500	137,373	690	\$690	\$690
ZV-CMA721-B	Wyoming 4 - Niobrara	CMA721	B	500	137,373	690	\$690	\$690
ZV-CMA722-A	Wyoming 5 - Converse	CMA722	A	500	12,052	500	\$500	\$500
ZV-CMA722-B	Wyoming 5 - Converse	CMA722	B	500	12,052	500	\$500	\$500
ZV-CMA723-A	Puerto Rico 1 - Rincon	CMA723	A	500	14,767	500	\$500	\$500
ZV-CMA723-B	Puerto Rico 1 - Rincon	CMA723	B	500	14,767	500	\$500	\$500
ZV-CMA724-A	Puerto Rico 2 - Adjuntas	CMA724	A	500	285,531	1,400	\$1,400	\$1,400
ZV-CMA724-B	Puerto Rico 2 - Adjuntas	CMA724	B	500	285,531	1,400	\$1,400	\$1,400
ZV-CMA725-A	Puerto Rico 3 - Ciales	CMA725	A	500	126,274	630	\$630	\$630
ZV-CMA725-B	Puerto Rico 3 - Ciales	CMA725	B	500	126,274	630	\$630	\$630
ZV-CMA726-A	Puerto Rico 4 - Aibonito	CMA726	A	500	270,223	1,400	\$1,400	\$1,400
ZV-CMA726-B	Puerto Rico 4 - Aibonito	CMA726	B	500	270,223	1,400	\$1,400	\$1,400
ZV-CMA727-A	Puerto Rico 5 - Ceiba	CMA727	A	500	41,757	500	\$500	\$500
ZV-CMA727-B	Puerto Rico 5 - Ceiba	CMA727	B	500	41,757	500	\$500	\$500
ZV-CMA728-A	Puerto Rico 6 - Vieques	CMA728	A	500	9,106	500	\$500	\$500
ZV-CMA728-B	Puerto Rico 6 - Vieques	CMA728	B	500	9,106	500	\$500	\$500
ZV-CMA729-A	Puerto Rico 7 - Culebra	CMA729	A	500	1,868	500	\$500	\$500
ZV-CMA729-B	Puerto Rico 7 - Culebra	CMA729	B	500	1,868	500	\$500	\$500
ZV-CMA730-A	Virgin Islands 1 - St. Thomas	CMA730	A	500	55,378	500	\$500	\$500
ZV-CMA730-B	Virgin Islands 1 - St. Thomas	CMA730	B	500	55,378	500	\$500	\$500
ZV-CMA731-A	Virgin Islands 2 - St. Croix	CMA731	A	500	53,234	500	\$500	\$500
ZV-CMA731-B	Virgin Islands 2 - St. Croix	CMA731	B	500	53,234	500	\$500	\$500
ZV-CMA732-A	Guam	CMA732	A	500	154,805	770	\$770	\$770
ZV-CMA732-B	Guam	CMA732	B	500	154,805	770	\$770	\$770
ZV-CMA733-A	American Samoa	CMA733	A	500	57,291	500	\$500	\$500
ZV-CMA733-B	American Samoa	CMA733	B	500	57,291	500	\$500	\$500
ZV-CMA734-A	Northern Mariana Islands	CMA734	A	500	69,221	500	\$500	\$500
ZV-CMA734-B	Northern Mariana Islands	CMA734	B	500	69,221	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
1,420 licenses covering 727 markets						2,222,370	\$2,222,370	\$2,222,370

**Auction 89**  
**DA 10-849**  
**Attachment A — 220 MHz**

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA001-D	Bangor ME	BEA001	D	100	526,106	500	\$500	\$500
QA-BEA004-C	Burlington VT-NY	BEA004	C	100	605,393	500	\$500	\$500
QA-BEA004-E	Burlington VT-NY	BEA004	E	100	605,393	500	\$500	\$500
QA-BEA005-A	Albany-Schenectady-Troy NY	BEA005	A	100	1,171,669	500	\$500	\$500
QA-BEA005-B	Albany-Schenectady-Troy NY	BEA005	B	100	1,171,669	500	\$500	\$500
QA-BEA005-D	Albany-Schenectady-Troy NY	BEA005	D	100	1,171,669	500	\$500	\$500
QA-BEA006-A	Syracuse NY-PA	BEA006	A	100	1,902,640	500	\$500	\$500
QA-BEA007-B	Rochester NY-PA	BEA007	B	100	1,493,518	500	\$500	\$500
QA-BEA007-C	Rochester NY-PA	BEA007	C	100	1,493,518	500	\$500	\$500
QA-BEA007-D	Rochester NY-PA	BEA007	D	100	1,493,518	500	\$500	\$500
QA-BEA008-B	Buffalo-Niagara Falls NY-PA	BEA008	B	100	1,507,759	500	\$500	\$500
QA-BEA008-C	Buffalo-Niagara Falls NY-PA	BEA008	C	100	1,507,759	500	\$500	\$500
QA-BEA008-D	Buffalo-Niagara Falls NY-PA	BEA008	D	100	1,507,759	500	\$500	\$500
QA-BEA008-E	Buffalo-Niagara Falls NY-PA	BEA008	E	100	1,507,759	500	\$500	\$500
QA-BEA009-A	State College PA	BEA009	A	100	809,979	500	\$500	\$500
QA-BEA010-E *	NYC-Long Is. NY-NJ-CT-PA-MA-VT	BEA010	E/E*	**	25,712,577	500	\$500	\$500
QA-BEA011-C	Harrisburg-Lebanon-Carlisle PA	BEA011	C	100	1,125,265	500	\$500	\$500
QA-BEA012-C *	Phil.-Atl. City PA-NJ-DE-MD	BEA012	C*	50	7,309,792	500	\$500	\$500
QA-BEA013-B	Wash.-Balt. DC-MD-VA-WV-PA	BEA013	B	100	8,403,130	500	\$500	\$500
QA-BEA013-E	Wash.-Balt. DC-MD-VA-WV-PA	BEA013	E	100	8,403,130	500	\$500	\$500
QA-BEA014-A	Salisbury MD-DE-VA	BEA014	A	100	363,970	500	\$500	\$500
QA-BEA015-A	Richmond-Petersburg VA	BEA015	A	100	1,446,123	500	\$500	\$500
QA-BEA015-C	Richmond-Petersburg VA	BEA015	C	100	1,446,123	500	\$500	\$500
QA-BEA016-B	Staunton VA-WV	BEA016	B	100	334,087	500	\$500	\$500
QA-BEA016-D	Staunton VA-WV	BEA016	D	100	334,087	500	\$500	\$500
QA-BEA016-E	Staunton VA-WV	BEA016	E	100	334,087	500	\$500	\$500
QA-BEA017-A	Roanoke VA-NC-WV	BEA017	A	100	826,284	500	\$500	\$500
QA-BEA017-C	Roanoke VA-NC-WV	BEA017	C	100	826,284	500	\$500	\$500
QA-BEA017-D	Roanoke VA-NC-WV	BEA017	D	100	826,284	500	\$500	\$500
QA-BEA018-E	Greensboro-Winston-Salem NC-VA	BEA018	E	100	1,854,853	500	\$500	\$500
QA-BEA020-A	Norfolk-Virginia Beach VA-NC	BEA020	A	100	1,722,764	500	\$500	\$500
QA-BEA020-B	Norfolk-Virginia Beach VA-NC	BEA020	B	100	1,722,764	500	\$500	\$500
QA-BEA020-C	Norfolk-Virginia Beach VA-NC	BEA020	C	100	1,722,764	500	\$500	\$500
QA-BEA020-D	Norfolk-Virginia Beach VA-NC	BEA020	D	100	1,722,764	500	\$500	\$500
QA-BEA021-A	Greenville NC	BEA021	A	100	823,517	500	\$500	\$500
QA-BEA021-D	Greenville NC	BEA021	D	100	823,517	500	\$500	\$500
QA-BEA021-E	Greenville NC	BEA021	E	100	823,517	500	\$500	\$500
QA-BEA022-A	Fayetteville NC	BEA022	A	100	528,224	500	\$500	\$500
QA-BEA022-B	Fayetteville NC	BEA022	B	100	528,224	500	\$500	\$500
QA-BEA024-A	Columbia SC	BEA024	A	100	932,115	500	\$500	\$500
QA-BEA024-B	Columbia SC	BEA024	B	100	932,115	500	\$500	\$500
QA-BEA025-A	Wilmington NC-SC	BEA025	A	100	878,267	500	\$500	\$500
QA-BEA025-B	Wilmington NC-SC	BEA025	B	100	878,267	500	\$500	\$500
QA-BEA025-C	Wilmington NC-SC	BEA025	C	100	878,267	500	\$500	\$500
QA-BEA025-D	Wilmington NC-SC	BEA025	D	100	878,267	500	\$500	\$500
QA-BEA026-C	Charleston-North Charleston SC	BEA026	C	100	587,297	500	\$500	\$500
QA-BEA027-A	Augusta-Aiken GA-SC	BEA027	A	100	604,799	500	\$500	\$500
QA-BEA027-B	Augusta-Aiken GA-SC	BEA027	B	100	604,799	500	\$500	\$500
QA-BEA027-C	Augusta-Aiken GA-SC	BEA027	C	100	604,799	500	\$500	\$500
QA-BEA027-D	Augusta-Aiken GA-SC	BEA027	D	100	604,799	500	\$500	\$500
QA-BEA027-E	Augusta-Aiken GA-SC	BEA027	E	100	604,799	500	\$500	\$500
QA-BEA028-A	Savannah GA-SC	BEA028	A	100	668,214	500	\$500	\$500
QA-BEA028-D	Savannah GA-SC	BEA028	D	100	668,214	500	\$500	\$500
QA-BEA028-E	Savannah GA-SC	BEA028	E	100	668,214	500	\$500	\$500
QA-BEA029-B	Jacksonville FL-GA	BEA029	B	100	1,885,190	500	\$500	\$500
QA-BEA029-C *	Jacksonville FL-GA	BEA029	C	100	1,885,190	500	\$500	\$500
QA-BEA030-E	Orlando FL	BEA030	E	100	3,642,540	500	\$500	\$500
QA-BEA031-B	Miami-Fort Lauderdale FL	BEA031	B	100	5,602,222	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA031-C	Miami-Fort Lauderdale FL	BEA031	C	100	5,602,222	500	\$500	\$500
QA-BEA031-D	Miami-Fort Lauderdale FL	BEA031	D	100	5,602,222	500	\$500	\$500
QA-BEA032-A	Fort Myers-Cape Coral FL	BEA032	A	100	692,265	500	\$500	\$500
QA-BEA032-C	Fort Myers-Cape Coral FL	BEA032	C	100	692,265	500	\$500	\$500
QA-BEA032-D	Fort Myers-Cape Coral FL	BEA032	D	100	692,265	500	\$500	\$500
QA-BEA032-E	Fort Myers-Cape Coral FL	BEA032	E	100	692,265	500	\$500	\$500
QA-BEA033-A	Sarasota-Bradenton FL	BEA033	A	100	763,795	500	\$500	\$500
QA-BEA033-C	Sarasota-Bradenton FL	BEA033	C	100	763,795	500	\$500	\$500
QA-BEA033-E	Sarasota-Bradenton FL	BEA033	E	100	763,795	500	\$500	\$500
QA-BEA034-A	Tampa-St. Petersburg FL	BEA034	A	100	2,395,997	500	\$500	\$500
QA-BEA034-B	Tampa-St. Petersburg FL	BEA034	B	100	2,395,997	500	\$500	\$500
QA-BEA034-C	Tampa-St. Petersburg FL	BEA034	C	100	2,395,997	500	\$500	\$500
QA-BEA035-A	Tallahassee FL-GA	BEA035	A	100	720,434	500	\$500	\$500
QA-BEA035-B *	Tallahassee FL-GA	BEA035	B	100	720,434	500	\$500	\$500
QA-BEA035-C	Tallahassee FL-GA	BEA035	C	100	720,434	500	\$500	\$500
QA-BEA035-D	Tallahassee FL-GA	BEA035	D	100	720,434	500	\$500	\$500
QA-BEA035-E	Tallahassee FL-GA	BEA035	E	100	720,434	500	\$500	\$500
QA-BEA036-A	Dothan AL-FL-GA	BEA036	A	100	332,409	500	\$500	\$500
QA-BEA036-B	Dothan AL-FL-GA	BEA036	B	100	332,409	500	\$500	\$500
QA-BEA036-D	Dothan AL-FL-GA	BEA036	D	100	332,409	500	\$500	\$500
QA-BEA036-E	Dothan AL-FL-GA	BEA036	E	100	332,409	500	\$500	\$500
QA-BEA037-A	Albany GA	BEA037	A	100	468,178	500	\$500	\$500
QA-BEA037-B	Albany GA	BEA037	B	100	468,178	500	\$500	\$500
QA-BEA037-C	Albany GA	BEA037	C	100	468,178	500	\$500	\$500
QA-BEA037-D	Albany GA	BEA037	D	100	468,178	500	\$500	\$500
QA-BEA037-E	Albany GA	BEA037	E	100	468,178	500	\$500	\$500
QA-BEA038-A	Macon GA	BEA038	A	100	768,701	500	\$500	\$500
QA-BEA038-B	Macon GA	BEA038	B	100	768,701	500	\$500	\$500
QA-BEA038-C	Macon GA	BEA038	C	100	768,701	500	\$500	\$500
QA-BEA038-D	Macon GA	BEA038	D	100	768,701	500	\$500	\$500
QA-BEA038-E	Macon GA	BEA038	E	100	768,701	500	\$500	\$500
QA-BEA039-B	Columbus GA-AL	BEA039	B	100	496,538	500	\$500	\$500
QA-BEA040-B	Atlanta GA-AL-NC	BEA040	B	100	5,471,412	500	\$500	\$500
QA-BEA041-A	Greenville-Spartanburg SC-NC	BEA041	A	100	1,248,824	500	\$500	\$500
QA-BEA041-D	Greenville-Spartanburg SC-NC	BEA041	D	100	1,248,824	500	\$500	\$500
QA-BEA042-B	Asheville NC	BEA042	B	100	444,594	500	\$500	\$500
QA-BEA042-C	Asheville NC	BEA042	C	100	444,594	500	\$500	\$500
QA-BEA042-D	Asheville NC	BEA042	D	100	444,594	500	\$500	\$500
QA-BEA042-E	Asheville NC	BEA042	E	100	444,594	500	\$500	\$500
QA-BEA043-A	Chattanooga TN-GA	BEA043	A	100	720,375	500	\$500	\$500
QA-BEA043-B	Chattanooga TN-GA	BEA043	B	100	720,375	500	\$500	\$500
QA-BEA043-D	Chattanooga TN-GA	BEA043	D	100	720,375	500	\$500	\$500
QA-BEA044-A	Knoxville TN	BEA044	A	100	983,329	500	\$500	\$500
QA-BEA044-B	Knoxville TN	BEA044	B	100	983,329	500	\$500	\$500
QA-BEA044-D	Knoxville TN	BEA044	D	100	983,329	500	\$500	\$500
QA-BEA044-E	Knoxville TN	BEA044	E	100	983,329	500	\$500	\$500
QA-BEA045-A	Johnson City-Kingsport TN-VA	BEA045	A	100	576,081	500	\$500	\$500
QA-BEA045-B	Johnson City-Kingsport TN-VA	BEA045	B	100	576,081	500	\$500	\$500
QA-BEA045-C	Johnson City-Kingsport TN-VA	BEA045	C	100	576,081	500	\$500	\$500
QA-BEA045-D	Johnson City-Kingsport TN-VA	BEA045	D	100	576,081	500	\$500	\$500
QA-BEA046-B	Hickory-Morganton NC-TN	BEA046	B	100	519,208	500	\$500	\$500
QA-BEA046-C	Hickory-Morganton NC-TN	BEA046	C	100	519,208	500	\$500	\$500
QA-BEA046-D	Hickory-Morganton NC-TN	BEA046	D	100	519,208	500	\$500	\$500
QA-BEA047-B	Lexington KY-TN-VA-WV	BEA047	B	100	1,851,367	500	\$500	\$500
QA-BEA048-A	Charleston WV-KY-OH	BEA048	A	100	1,199,373	500	\$500	\$500
QA-BEA048-B	Charleston WV-KY-OH	BEA048	B	100	1,199,373	500	\$500	\$500
QA-BEA049-C	Cincinnati-Hamilton OH-KY-IN	BEA049	C	100	2,184,860	500	\$500	\$500
QA-BEA049-D	Cincinnati-Hamilton OH-KY-IN	BEA049	D	100	2,184,860	500	\$500	\$500
QA-BEA049-E *	Cincinnati-Hamilton OH-KY-IN	BEA049	E	100	2,184,860	500	\$500	\$500
QA-BEA050-D	Dayton-Springfield OH	BEA050	D	100	1,133,004	500	\$500	\$500
QA-BEA051-A	Columbus OH	BEA051	A	100	2,349,060	500	\$500	\$500
QA-BEA051-B	Columbus OH	BEA051	B	100	2,349,060	500	\$500	\$500
QA-BEA052-A	Wheeling WV-OH	BEA052	A	100	327,645	500	\$500	\$500

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QA-BEA052-B	Wheeling WV-OH	BEA052	B	100	327,645	500	\$500	\$500
QA-BEA052-C	Wheeling WV-OH	BEA052	C	100	327,645	500	\$500	\$500
QA-BEA052-D	Wheeling WV-OH	BEA052	D	100	327,645	500	\$500	\$500
QA-BEA053-B	Pittsburgh PA-WV	BEA053	B	100	2,971,829	500	\$500	\$500
QA-BEA053-E	Pittsburgh PA-WV	BEA053	E	100	2,971,829	500	\$500	\$500
QA-BEA054-A	Erie PA	BEA054	A	100	519,348	500	\$500	\$500
QA-BEA054-B	Erie PA	BEA054	B	100	519,348	500	\$500	\$500
QA-BEA054-C	Erie PA	BEA054	C	100	519,348	500	\$500	\$500
QA-BEA054-D	Erie PA	BEA054	D	100	519,348	500	\$500	\$500
QA-BEA054-E	Erie PA	BEA054	E	100	519,348	500	\$500	\$500
QA-BEA055-A	Cleveland-Akron OH-PA	BEA055	A	100	4,692,460	500	\$500	\$500
QA-BEA056-A	Toledo OH	BEA056	A	100	1,294,395	500	\$500	\$500
QA-BEA056-B	Toledo OH	BEA056	B	100	1,294,395	500	\$500	\$500
QA-BEA056-C	Toledo OH	BEA056	C	100	1,294,395	500	\$500	\$500
QA-BEA056-E	Toledo OH	BEA056	E	100	1,294,395	500	\$500	\$500
QA-BEA057-A	Detroit-Ann Arbor-Flint MI	BEA057	A	100	6,963,637	500	\$500	\$500
QA-BEA057-E	Detroit-Ann Arbor-Flint MI	BEA057	E	100	6,963,637	500	\$500	\$500
QA-BEA058-B	Northern Michigan MI	BEA058	B	100	269,986	500	\$500	\$500
QA-BEA058-C	Northern Michigan MI	BEA058	C	100	269,986	500	\$500	\$500
QA-BEA058-E	Northern Michigan MI	BEA058	E	100	269,986	500	\$500	\$500
QA-BEA059-B	Green Bay WI-MI	BEA059	B	100	671,225	500	\$500	\$500
QA-BEA059-D	Green Bay WI-MI	BEA059	D	100	671,225	500	\$500	\$500
QA-BEA059-E	Green Bay WI-MI	BEA059	E	100	671,225	500	\$500	\$500
QA-BEA060-B	Appleton-Oshkosh-Neenah WI	BEA060	B	100	433,250	500	\$500	\$500
QA-BEA060-C	Appleton-Oshkosh-Neenah WI	BEA060	C	100	433,250	500	\$500	\$500
QA-BEA060-D	Appleton-Oshkosh-Neenah WI	BEA060	D	100	433,250	500	\$500	\$500
QA-BEA061-C	Traverse City MI	BEA061	C	100	286,745	500	\$500	\$500
QA-BEA061-E	Traverse City MI	BEA061	E	100	286,745	500	\$500	\$500
QA-BEA062-E	Grand Rapids-Muskegon MI	BEA062	E	100	1,881,991	500	\$500	\$500
QA-BEA063-A	Milwaukee-Racine WI	BEA063	A	100	2,255,183	500	\$500	\$500
QA-BEA063-C	Milwaukee-Racine WI	BEA063	C	100	2,255,183	500	\$500	\$500
QA-BEA063-D	Milwaukee-Racine WI	BEA063	D	100	2,255,183	500	\$500	\$500
QA-BEA063-E	Milwaukee-Racine WI	BEA063	E	100	2,255,183	500	\$500	\$500
QA-BEA064-A	Chicago-Gary-Kenosha IL-IN-WI	BEA064	A	100	10,328,854	500	\$500	\$500
QA-BEA064-B	Chicago-Gary-Kenosha IL-IN-WI	BEA064	B	100	10,328,854	500	\$500	\$500
QA-BEA064-C	Chicago-Gary-Kenosha IL-IN-WI	BEA064	C	100	10,328,854	500	\$500	\$500
QA-BEA064-D *	Chicago-Gary-Kenosha IL-IN-WI	BEA064	D/D*	**	10,328,854	500	\$500	\$500
QA-BEA064-E	Chicago-Gary-Kenosha IL-IN-WI	BEA064	E	100	10,328,854	500	\$500	\$500
QA-BEA065-A	Elkhart-Goshen IN-MI	BEA065	A	100	936,245	500	\$500	\$500
QA-BEA065-C	Elkhart-Goshen IN-MI	BEA065	C	100	936,245	500	\$500	\$500
QA-BEA065-D	Elkhart-Goshen IN-MI	BEA065	D	100	936,245	500	\$500	\$500
QA-BEA065-E	Elkhart-Goshen IN-MI	BEA065	E	100	936,245	500	\$500	\$500
QA-BEA066-A	Fort Wayne IN	BEA066	A	100	725,847	500	\$500	\$500
QA-BEA066-B	Fort Wayne IN	BEA066	B	100	725,847	500	\$500	\$500
QA-BEA066-C	Fort Wayne IN	BEA066	C	100	725,847	500	\$500	\$500
QA-BEA067-B	Indianapolis IN-IL	BEA067	B	100	3,066,469	500	\$500	\$500
QA-BEA067-D	Indianapolis IN-IL	BEA067	D	100	3,066,469	500	\$500	\$500
QA-BEA068-A	Champaign-Urbana IL	BEA068	A	100	630,898	500	\$500	\$500
QA-BEA068-B	Champaign-Urbana IL	BEA068	B	100	630,898	500	\$500	\$500
QA-BEA068-C	Champaign-Urbana IL	BEA068	C	100	630,898	500	\$500	\$500
QA-BEA068-D	Champaign-Urbana IL	BEA068	D	100	630,898	500	\$500	\$500
QA-BEA069-B	Evansville-Henderson IN-KY-IL	BEA069	B	100	854,714	500	\$500	\$500
QA-BEA069-C	Evansville-Henderson IN-KY-IL	BEA069	C	100	854,714	500	\$500	\$500
QA-BEA069-D	Evansville-Henderson IN-KY-IL	BEA069	D	100	854,714	500	\$500	\$500
QA-BEA070-A *	Louisville KY-IN	BEA070	A*	50	1,416,914	500	\$500	\$500
QA-BEA070-D *	Louisville KY-IN	BEA070	D	100	1,416,914	500	\$500	\$500
QA-BEA071-C	Nashville TN-KY	BEA071	C	100	2,444,643	500	\$500	\$500
QA-BEA071-D	Nashville TN-KY	BEA071	D	100	2,444,643	500	\$500	\$500
QA-BEA072-A	Paducah KY-IL	BEA072	A	100	226,586	500	\$500	\$500
QA-BEA072-B	Paducah KY-IL	BEA072	B	100	226,586	500	\$500	\$500
QA-BEA072-C	Paducah KY-IL	BEA072	C	100	226,586	500	\$500	\$500
QA-BEA072-D	Paducah KY-IL	BEA072	D	100	226,586	500	\$500	\$500
QA-BEA072-E	Paducah KY-IL	BEA072	E	100	226,586	500	\$500	\$500

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QA-BEA073-B	Memphis TN-AR-MS-KY	BEA073	B	100	1,882,332	500	\$500	\$500
QA-BEA073-D	Memphis TN-AR-MS-KY	BEA073	D	100	1,882,332	500	\$500	\$500
QA-BEA074-B	Huntsville AL-TN	BEA074	B	100	997,824	500	\$500	\$500
QA-BEA075-A	Tupelo MS-AL-TN	BEA075	A	100	625,002	500	\$500	\$500
QA-BEA075-B	Tupelo MS-AL-TN	BEA075	B	100	625,002	500	\$500	\$500
QA-BEA075-C	Tupelo MS-AL-TN	BEA075	C	100	625,002	500	\$500	\$500
QA-BEA075-D	Tupelo MS-AL-TN	BEA075	D	100	625,002	500	\$500	\$500
QA-BEA076-A	Greenville MS	BEA076	A	100	252,280	500	\$500	\$500
QA-BEA076-B	Greenville MS	BEA076	B	100	252,280	500	\$500	\$500
QA-BEA076-C	Greenville MS	BEA076	C	100	252,280	500	\$500	\$500
QA-BEA076-D	Greenville MS	BEA076	D	100	252,280	500	\$500	\$500
QA-BEA076-E	Greenville MS	BEA076	E	100	252,280	500	\$500	\$500
QA-BEA077-A	Jackson MS-AL-LA	BEA077	A	100	1,432,518	500	\$500	\$500
QA-BEA077-B	Jackson MS-AL-LA	BEA077	B	100	1,432,518	500	\$500	\$500
QA-BEA077-C	Jackson MS-AL-LA	BEA077	C	100	1,432,518	500	\$500	\$500
QA-BEA077-D	Jackson MS-AL-LA	BEA077	D	100	1,432,518	500	\$500	\$500
QA-BEA077-E	Jackson MS-AL-LA	BEA077	E	100	1,432,518	500	\$500	\$500
QA-BEA078-C	Birmingham AL	BEA078	C	100	1,578,903	500	\$500	\$500
QA-BEA078-D	Birmingham AL	BEA078	D	100	1,578,903	500	\$500	\$500
QA-BEA078-E	Birmingham AL	BEA078	E	100	1,578,903	500	\$500	\$500
QA-BEA079-B	Montgomery AL	BEA079	B	100	481,137	500	\$500	\$500
QA-BEA079-C	Montgomery AL	BEA079	C	100	481,137	500	\$500	\$500
QA-BEA079-D	Montgomery AL	BEA079	D	100	481,137	500	\$500	\$500
QA-BEA079-E	Montgomery AL	BEA079	E	100	481,137	500	\$500	\$500
QA-BEA080-C	Mobile AL	BEA080	C	100	676,258	500	\$500	\$500
QA-BEA080-D	Mobile AL	BEA080	D	100	676,258	500	\$500	\$500
QA-BEA080-E	Mobile AL	BEA080	E	100	676,258	500	\$500	\$500
QA-BEA081-A	Pensacola FL	BEA081	A	100	623,252	500	\$500	\$500
QA-BEA081-D	Pensacola FL	BEA081	D	100	623,252	500	\$500	\$500
QA-BEA081-E	Pensacola FL	BEA081	E	100	623,252	500	\$500	\$500
QA-BEA082-D	Biloxi-Gulfport-Pascagoula MS	BEA082	D	100	396,754	500	\$500	\$500
QA-BEA082-E	Biloxi-Gulfport-Pascagoula MS	BEA082	E	100	396,754	500	\$500	\$500
QA-BEA083-A	New Orleans LA-MS	BEA083	A	100	1,725,338	500	\$500	\$500
QA-BEA083-E	New Orleans LA-MS	BEA083	E	100	1,725,338	500	\$500	\$500
QA-BEA084-C	Baton Rouge LA-MS	BEA084	C	100	739,673	500	\$500	\$500
QA-BEA085-B	Lafayette LA	BEA085	B	100	601,654	500	\$500	\$500
QA-BEA085-C	Lafayette LA	BEA085	C	100	601,654	500	\$500	\$500
QA-BEA085-D	Lafayette LA	BEA085	D	100	601,654	500	\$500	\$500
QA-BEA085-E	Lafayette LA	BEA085	E	100	601,654	500	\$500	\$500
QA-BEA086-C	Lake Charles LA	BEA086	C	100	536,758	500	\$500	\$500
QA-BEA086-E	Lake Charles LA	BEA086	E	100	536,758	500	\$500	\$500
QA-BEA087-A	Beaumont-Port Arthur TX	BEA087	A	100	456,637	500	\$500	\$500
QA-BEA088-C	Shreveport-Bossier City LA-AR	BEA088	C	100	573,616	500	\$500	\$500
QA-BEA088-D	Shreveport-Bossier City LA-AR	BEA088	D	100	573,616	500	\$500	\$500
QA-BEA088-E	Shreveport-Bossier City LA-AR	BEA088	E	100	573,616	500	\$500	\$500
QA-BEA089-A	Monroe LA	BEA089	A	100	333,519	500	\$500	\$500
QA-BEA089-B	Monroe LA	BEA089	B	100	333,519	500	\$500	\$500
QA-BEA089-C	Monroe LA	BEA089	C	100	333,519	500	\$500	\$500
QA-BEA089-D	Monroe LA	BEA089	D	100	333,519	500	\$500	\$500
QA-BEA089-E	Monroe LA	BEA089	E	100	333,519	500	\$500	\$500
QA-BEA090-A	Little Rock AR	BEA090	A	100	1,614,850	500	\$500	\$500
QA-BEA090-B	Little Rock AR	BEA090	B	100	1,614,850	500	\$500	\$500
QA-BEA090-D	Little Rock AR	BEA090	D	100	1,614,850	500	\$500	\$500
QA-BEA090-E	Little Rock AR	BEA090	E	100	1,614,850	500	\$500	\$500
QA-BEA091-A	Fort Smith AR-OK	BEA091	A	100	329,136	500	\$500	\$500
QA-BEA091-B	Fort Smith AR-OK	BEA091	B	100	329,136	500	\$500	\$500
QA-BEA091-C	Fort Smith AR-OK	BEA091	C	100	329,136	500	\$500	\$500
QA-BEA091-D	Fort Smith AR-OK	BEA091	D	100	329,136	500	\$500	\$500
QA-BEA092-A	Fayetteville AR-MO-OK	BEA092	A	100	405,160	500	\$500	\$500
QA-BEA092-B	Fayetteville AR-MO-OK	BEA092	B	100	405,160	500	\$500	\$500
QA-BEA092-C	Fayetteville AR-MO-OK	BEA092	C	100	405,160	500	\$500	\$500
QA-BEA092-E	Fayetteville AR-MO-OK	BEA092	E	100	405,160	500	\$500	\$500
QA-BEA093-A	Joplin MO-KS-OK	BEA093	A	100	263,904	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA093-B	Joplin MO-KS-OK	BEA093	B	100	263,904	500	\$500	\$500
QA-BEA093-C	Joplin MO-KS-OK	BEA093	C	100	263,904	500	\$500	\$500
QA-BEA093-D	Joplin MO-KS-OK	BEA093	D	100	263,904	500	\$500	\$500
QA-BEA093-E	Joplin MO-KS-OK	BEA093	E	100	263,904	500	\$500	\$500
QA-BEA094-A	Springfield MO	BEA094	A	100	859,559	500	\$500	\$500
QA-BEA094-B	Springfield MO	BEA094	B	100	859,559	500	\$500	\$500
QA-BEA094-D	Springfield MO	BEA094	D	100	859,559	500	\$500	\$500
QA-BEA094-E	Springfield MO	BEA094	E	100	859,559	500	\$500	\$500
QA-BEA095-A	Jonesboro AR-MO	BEA095	A	100	303,852	500	\$500	\$500
QA-BEA095-B	Jonesboro AR-MO	BEA095	B	100	303,852	500	\$500	\$500
QA-BEA095-C	Jonesboro AR-MO	BEA095	C	100	303,852	500	\$500	\$500
QA-BEA095-D	Jonesboro AR-MO	BEA095	D	100	303,852	500	\$500	\$500
QA-BEA095-E	Jonesboro AR-MO	BEA095	E	100	303,852	500	\$500	\$500
QA-BEA096-A	St. Louis MO-IL	BEA096	A	100	3,558,651	500	\$500	\$500
QA-BEA096-B	St. Louis MO-IL	BEA096	B	100	3,558,651	500	\$500	\$500
QA-BEA096-C	St. Louis MO-IL	BEA096	C	100	3,558,651	500	\$500	\$500
QA-BEA096-D	St. Louis MO-IL	BEA096	D	100	3,558,651	500	\$500	\$500
QA-BEA097-A	Springfield IL-MO	BEA097	A	100	517,462	500	\$500	\$500
QA-BEA097-B	Springfield IL-MO	BEA097	B	100	517,462	500	\$500	\$500
QA-BEA097-C	Springfield IL-MO	BEA097	C	100	517,462	500	\$500	\$500
QA-BEA097-E	Springfield IL-MO	BEA097	E	100	517,462	500	\$500	\$500
QA-BEA098-A	Columbia MO	BEA098	A	100	369,014	500	\$500	\$500
QA-BEA098-B	Columbia MO	BEA098	B	100	369,014	500	\$500	\$500
QA-BEA098-C	Columbia MO	BEA098	C	100	369,014	500	\$500	\$500
QA-BEA098-D	Columbia MO	BEA098	D	100	369,014	500	\$500	\$500
QA-BEA098-E	Columbia MO	BEA098	E	100	369,014	500	\$500	\$500
QA-BEA099-A	Kansas City MO-KS	BEA099	A	100	2,469,340	500	\$500	\$500
QA-BEA099-B	Kansas City MO-KS	BEA099	B	100	2,469,340	500	\$500	\$500
QA-BEA099-C	Kansas City MO-KS	BEA099	C	100	2,469,340	500	\$500	\$500
QA-BEA099-D	Kansas City MO-KS	BEA099	D	100	2,469,340	500	\$500	\$500
QA-BEA100-A	Des Moines IA-IL-MO	BEA100	A	100	1,683,257	500	\$500	\$500
QA-BEA100-B	Des Moines IA-IL-MO	BEA100	B	100	1,683,257	500	\$500	\$500
QA-BEA100-C	Des Moines IA-IL-MO	BEA100	C	100	1,683,257	500	\$500	\$500
QA-BEA100-D	Des Moines IA-IL-MO	BEA100	D	100	1,683,257	500	\$500	\$500
QA-BEA100-E	Des Moines IA-IL-MO	BEA100	E	100	1,683,257	500	\$500	\$500
QA-BEA101-E	Peoria-Pekin IL	BEA101	E	100	528,671	500	\$500	\$500
QA-BEA102-E	Davenport-Moline IA-IL	BEA102	E	100	558,913	500	\$500	\$500
QA-BEA103-A	Cedar Rapids IA	BEA103	A	100	384,577	500	\$500	\$500
QA-BEA103-B	Cedar Rapids IA	BEA103	B	100	384,577	500	\$500	\$500
QA-BEA103-C	Cedar Rapids IA	BEA103	C	100	384,577	500	\$500	\$500
QA-BEA103-D	Cedar Rapids IA	BEA103	D	100	384,577	500	\$500	\$500
QA-BEA103-E	Cedar Rapids IA	BEA103	E	100	384,577	500	\$500	\$500
QA-BEA104-A	Madison WI-IL-IA	BEA104	A	100	933,823	500	\$500	\$500
QA-BEA104-B	Madison WI-IL-IA	BEA104	B	100	933,823	500	\$500	\$500
QA-BEA104-C	Madison WI-IL-IA	BEA104	C	100	933,823	500	\$500	\$500
QA-BEA104-D	Madison WI-IL-IA	BEA104	D	100	933,823	500	\$500	\$500
QA-BEA104-E	Madison WI-IL-IA	BEA104	E	100	933,823	500	\$500	\$500
QA-BEA105-A	La Crosse WI-MN	BEA105	A	100	241,903	500	\$500	\$500
QA-BEA105-B	La Crosse WI-MN	BEA105	B	100	241,903	500	\$500	\$500
QA-BEA105-E	La Crosse WI-MN	BEA105	E	100	241,903	500	\$500	\$500
QA-BEA106-A	Rochester MN-IA-WI	BEA106	A	100	318,374	500	\$500	\$500
QA-BEA106-B	Rochester MN-IA-WI	BEA106	B	100	318,374	500	\$500	\$500
QA-BEA106-C	Rochester MN-IA-WI	BEA106	C	100	318,374	500	\$500	\$500
QA-BEA107-A	Minneapolis-St. Paul MN-WI-IA	BEA107	A	100	4,498,286	500	\$500	\$500
QA-BEA107-B	Minneapolis-St. Paul MN-WI-IA	BEA107	B	100	4,498,286	500	\$500	\$500
QA-BEA107-C	Minneapolis-St. Paul MN-WI-IA	BEA107	C	100	4,498,286	500	\$500	\$500
QA-BEA107-D	Minneapolis-St. Paul MN-WI-IA	BEA107	D	100	4,498,286	500	\$500	\$500
QA-BEA108-C	Wausau WI	BEA108	C	100	487,723	500	\$500	\$500
QA-BEA108-D	Wausau WI	BEA108	D	100	487,723	500	\$500	\$500
QA-BEA108-E	Wausau WI	BEA108	E	100	487,723	500	\$500	\$500
QA-BEA109-E	Duluth-Superior MN-WI	BEA109	E	100	350,059	500	\$500	\$500
QA-BEA113-A	Fargo-Moorhead ND-MN	BEA113	A	100	371,691	500	\$500	\$500
QA-BEA114-A	Aberdeen SD	BEA114	A	100	82,608	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA114-B	Aberdeen SD	BEA114	B	100	82,608	500	\$500	\$500
QA-BEA115-A	Rapid City SD-MT-NE-ND	BEA115	A	100	213,696	500	\$500	\$500
QA-BEA115-B	Rapid City SD-MT-NE-ND	BEA115	B	100	213,696	500	\$500	\$500
QA-BEA118-A	Omaha NE-IA-MO	BEA118	A	100	1,044,156	500	\$500	\$500
QA-BEA119-A	Lincoln NE	BEA119	A	100	379,321	500	\$500	\$500
QA-BEA119-B	Lincoln NE	BEA119	B	100	379,321	500	\$500	\$500
QA-BEA119-D	Lincoln NE	BEA119	D	100	379,321	500	\$500	\$500
QA-BEA120-A	Grand Island NE	BEA120	A	100	288,047	500	\$500	\$500
QA-BEA120-B	Grand Island NE	BEA120	B	100	288,047	500	\$500	\$500
QA-BEA121-A	North Platte NE-CO	BEA121	A	100	61,758	500	\$500	\$500
QA-BEA121-B	North Platte NE-CO	BEA121	B	100	61,758	500	\$500	\$500
QA-BEA122-A	Wichita KS-OK	BEA122	A	100	1,175,577	500	\$500	\$500
QA-BEA122-D	Wichita KS-OK	BEA122	D	100	1,175,577	500	\$500	\$500
QA-BEA123-A	Topeka KS	BEA123	A	100	454,539	500	\$500	\$500
QA-BEA123-B	Topeka KS	BEA123	B	100	454,539	500	\$500	\$500
QA-BEA123-C	Topeka KS	BEA123	C	100	454,539	500	\$500	\$500
QA-BEA123-D	Topeka KS	BEA123	D	100	454,539	500	\$500	\$500
QA-BEA123-E	Topeka KS	BEA123	E	100	454,539	500	\$500	\$500
QA-BEA124-B	Tulsa OK-KS	BEA124	B	100	1,384,426	500	\$500	\$500
QA-BEA124-C	Tulsa OK-KS	BEA124	C	100	1,384,426	500	\$500	\$500
QA-BEA124-D	Tulsa OK-KS	BEA124	D	100	1,384,426	500	\$500	\$500
QA-BEA124-E	Tulsa OK-KS	BEA124	E	100	1,384,426	500	\$500	\$500
QA-BEA125-A	Oklahoma City OK	BEA125	A	100	1,698,197	500	\$500	\$500
QA-BEA125-C	Oklahoma City OK	BEA125	C	100	1,698,197	500	\$500	\$500
QA-BEA125-D	Oklahoma City OK	BEA125	D	100	1,698,197	500	\$500	\$500
QA-BEA126-A	Western Oklahoma OK	BEA126	A	100	139,761	500	\$500	\$500
QA-BEA126-B	Western Oklahoma OK	BEA126	B	100	139,761	500	\$500	\$500
QA-BEA126-C	Western Oklahoma OK	BEA126	C	100	139,761	500	\$500	\$500
QA-BEA126-E	Western Oklahoma OK	BEA126	E	100	139,761	500	\$500	\$500
QA-BEA127-A	Dallas-Fort Worth TX-AR-OK	BEA127	A	100	7,645,530	500	\$500	\$500
QA-BEA127-B	Dallas-Fort Worth TX-AR-OK	BEA127	B	100	7,645,530	500	\$500	\$500
QA-BEA127-C	Dallas-Fort Worth TX-AR-OK	BEA127	C	100	7,645,530	500	\$500	\$500
QA-BEA127-D	Dallas-Fort Worth TX-AR-OK	BEA127	D	100	7,645,530	500	\$500	\$500
QA-BEA127-E	Dallas-Fort Worth TX-AR-OK	BEA127	E	100	7,645,530	500	\$500	\$500
QA-BEA128-A	Abilene TX	BEA128	A	100	222,147	500	\$500	\$500
QA-BEA128-B	Abilene TX	BEA128	B	100	222,147	500	\$500	\$500
QA-BEA128-C	Abilene TX	BEA128	C	100	222,147	500	\$500	\$500
QA-BEA128-E	Abilene TX	BEA128	E	100	222,147	500	\$500	\$500
QA-BEA129-A	San Angelo TX	BEA129	A	100	202,679	500	\$500	\$500
QA-BEA129-B	San Angelo TX	BEA129	B	100	202,679	500	\$500	\$500
QA-BEA129-D	San Angelo TX	BEA129	D	100	202,679	500	\$500	\$500
QA-BEA130-A	Austin-San Marcos TX	BEA130	A	100	1,349,267	500	\$500	\$500
QA-BEA130-C	Austin-San Marcos TX	BEA130	C	100	1,349,267	500	\$500	\$500
QA-BEA130-D	Austin-San Marcos TX	BEA130	D	100	1,349,267	500	\$500	\$500
QA-BEA130-E	Austin-San Marcos TX	BEA130	E	100	1,349,267	500	\$500	\$500
QA-BEA131-A	Houston-Galveston-Brazoria TX	BEA131	A	100	5,632,853	500	\$500	\$500
QA-BEA131-B	Houston-Galveston-Brazoria TX	BEA131	B	100	5,632,853	500	\$500	\$500
QA-BEA131-C	Houston-Galveston-Brazoria TX	BEA131	C	100	5,632,853	500	\$500	\$500
QA-BEA131-D	Houston-Galveston-Brazoria TX	BEA131	D	100	5,632,853	500	\$500	\$500
QA-BEA131-E	Houston-Galveston-Brazoria TX	BEA131	E	100	5,632,853	500	\$500	\$500
QA-BEA132-B	Corpus Christi TX	BEA132	B	100	549,012	500	\$500	\$500
QA-BEA132-C	Corpus Christi TX	BEA132	C	100	549,012	500	\$500	\$500
QA-BEA132-D	Corpus Christi TX	BEA132	D	100	549,012	500	\$500	\$500
QA-BEA132-E	Corpus Christi TX	BEA132	E	100	549,012	500	\$500	\$500
QA-BEA133-A	McAllen-Edinburg-Mission TX	BEA133	A	100	978,369	500	\$500	\$500
QA-BEA133-B	McAllen-Edinburg-Mission TX	BEA133	B	100	978,369	500	\$500	\$500
QA-BEA133-C	McAllen-Edinburg-Mission TX	BEA133	C	100	978,369	500	\$500	\$500
QA-BEA133-D	McAllen-Edinburg-Mission TX	BEA133	D	100	978,369	500	\$500	\$500
QA-BEA133-E	McAllen-Edinburg-Mission TX	BEA133	E	100	978,369	500	\$500	\$500
QA-BEA134-B	San Antonio TX	BEA134	B	100	2,141,060	500	\$500	\$500
QA-BEA134-C	San Antonio TX	BEA134	C	100	2,141,060	500	\$500	\$500
QA-BEA134-D	San Antonio TX	BEA134	D	100	2,141,060	500	\$500	\$500
QA-BEA134-E	San Antonio TX	BEA134	E	100	2,141,060	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA136-C	Hobbs NM-TX	BEA136	C	100	190,340	500	\$500	\$500
QA-BEA136-D	Hobbs NM-TX	BEA136	D	100	190,340	500	\$500	\$500
QA-BEA137-C	Lubbock TX	BEA137	C	100	374,626	500	\$500	\$500
QA-BEA138-B	Amarillo TX-NM	BEA138	B	100	481,633	500	\$500	\$500
QA-BEA138-E	Amarillo TX-NM	BEA138	E	100	481,633	500	\$500	\$500
QA-BEA139-A	Santa Fe NM	BEA139	A	100	258,790	500	\$500	\$500
QA-BEA141-B	Denver-Boulder CO-KS-NE	BEA141	B	100	3,984,105	500	\$500	\$500
QA-BEA142-A	Scottsbluff NE-WY	BEA142	A	100	92,360	500	\$500	\$500
QA-BEA142-B	Scottsbluff NE-WY	BEA142	B	100	92,360	500	\$500	\$500
QA-BEA147-A	Spokane WA-ID	BEA147	A	100	829,735	500	\$500	\$500
QA-BEA147-B	Spokane WA-ID	BEA147	B	100	829,735	500	\$500	\$500
QA-BEA147-C	Spokane WA-ID	BEA147	C	100	829,735	500	\$500	\$500
QA-BEA147-D	Spokane WA-ID	BEA147	D	100	829,735	500	\$500	\$500
QA-BEA147-E	Spokane WA-ID	BEA147	E	100	829,735	500	\$500	\$500
QA-BEA152-C	Salt Lake City-Ogden UT-ID	BEA152	C	100	2,088,974	500	\$500	\$500
QA-BEA156-B	Albuquerque NM-AZ	BEA156	B	100	921,086	500	\$500	\$500
QA-BEA157-B	El Paso TX-NM	BEA157	B	100	955,602	500	\$500	\$500
QA-BEA157-C	El Paso TX-NM	BEA157	C	100	955,602	500	\$500	\$500
QA-BEA157-E	El Paso TX-NM	BEA157	E	100	955,602	500	\$500	\$500
QA-BEA158-D	Phoenix-Mesa AZ-NM	BEA158	D	100	3,407,197	500	\$500	\$500
QA-BEA158-E	Phoenix-Mesa AZ-NM	BEA158	E	100	3,407,197	500	\$500	\$500
QA-BEA159-C	Tucson AZ	BEA159	C	100	999,882	500	\$500	\$500
QA-BEA159-D	Tucson AZ	BEA159	D	100	999,882	500	\$500	\$500
QA-BEA160-A	LA-Riverside-Orange Cnty CA-AZ	BEA160	A	100	18,003,420	500	\$500	\$500
QA-BEA160-B	LA-Riverside-Orange Cnty CA-AZ	BEA160	B	100	18,003,420	500	\$500	\$500
QA-BEA160-C	LA-Riverside-Orange Cnty CA-AZ	BEA160	C	100	18,003,420	500	\$500	\$500
QA-BEA160-D	LA-Riverside-Orange Cnty CA-AZ	BEA160	D	100	18,003,420	500	\$500	\$500
QA-BEA161-A	San Diego CA	BEA161	A	100	2,813,833	500	\$500	\$500
QA-BEA161-C	San Diego CA	BEA161	C	100	2,813,833	500	\$500	\$500
QA-BEA161-D	San Diego CA	BEA161	D	100	2,813,833	500	\$500	\$500
QA-BEA161-E	San Diego CA	BEA161	E	100	2,813,833	500	\$500	\$500
QA-BEA162-A	Fresno CA	BEA162	A	100	1,419,998	500	\$500	\$500
QA-BEA162-B	Fresno CA	BEA162	B	100	1,419,998	500	\$500	\$500
QA-BEA162-C	Fresno CA	BEA162	C	100	1,419,998	500	\$500	\$500
QA-BEA162-D	Fresno CA	BEA162	D	100	1,419,998	500	\$500	\$500
QA-BEA163-C	San Fran.-Oakland-San Jose CA	BEA163	C	100	9,111,806	500	\$500	\$500
QA-BEA163-D	San Fran.-Oakland-San Jose CA	BEA163	D	100	9,111,806	500	\$500	\$500
QA-BEA164-A	Sacramento-Yolo CA	BEA164	A	100	2,311,567	500	\$500	\$500
QA-BEA164-B	Sacramento-Yolo CA	BEA164	B	100	2,311,567	500	\$500	\$500
QA-BEA166-A	Eugene-Springfield OR-CA	BEA166	A	100	791,776	500	\$500	\$500
QA-BEA166-B	Eugene-Springfield OR-CA	BEA166	B	100	791,776	500	\$500	\$500
QA-BEA166-C	Eugene-Springfield OR-CA	BEA166	C	100	791,776	500	\$500	\$500
QA-BEA166-D	Eugene-Springfield OR-CA	BEA166	D	100	791,776	500	\$500	\$500
QA-BEA166-E	Eugene-Springfield OR-CA	BEA166	E	100	791,776	500	\$500	\$500
QA-BEA167-A	Portland-Salem OR-WA	BEA167	A	100	2,883,737	500	\$500	\$500
QA-BEA167-B	Portland-Salem OR-WA	BEA167	B	100	2,883,737	500	\$500	\$500
QA-BEA167-C	Portland-Salem OR-WA	BEA167	C	100	2,883,737	500	\$500	\$500
QA-BEA167-D	Portland-Salem OR-WA	BEA167	D	100	2,883,737	500	\$500	\$500
QA-BEA167-E	Portland-Salem OR-WA	BEA167	E	100	2,883,737	500	\$500	\$500
QA-BEA168-A	Pendleton OR-WA	BEA168	A	100	200,681	500	\$500	\$500
QA-BEA168-B	Pendleton OR-WA	BEA168	B	100	200,681	500	\$500	\$500
QA-BEA168-C	Pendleton OR-WA	BEA168	C	100	200,681	500	\$500	\$500
QA-BEA168-D	Pendleton OR-WA	BEA168	D	100	200,681	500	\$500	\$500
QA-BEA168-E	Pendleton OR-WA	BEA168	E	100	200,681	500	\$500	\$500
QA-BEA169-A	Richland-Kennewick-Pasco WA	BEA169	A	100	677,674	500	\$500	\$500
QA-BEA169-B	Richland-Kennewick-Pasco WA	BEA169	B	100	677,674	500	\$500	\$500
QA-BEA169-C	Richland-Kennewick-Pasco WA	BEA169	C	100	677,674	500	\$500	\$500
QA-BEA169-D	Richland-Kennewick-Pasco WA	BEA169	D	100	677,674	500	\$500	\$500
QA-BEA170-C	Seattle-Tacoma-Bremerton WA	BEA170	C	100	4,135,291	500	\$500	\$500
QA-BEA170-E	Seattle-Tacoma-Bremerton WA	BEA170	E	100	4,135,291	500	\$500	\$500
QA-BEA173-A	Guam-Northern Mariana Islands	BEA173	A	100	224,026	500	\$500	\$500
QA-BEA173-B	Guam-Northern Mariana Islands	BEA173	B	100	224,026	500	\$500	\$500
QA-BEA173-C	Guam-Northern Mariana Islands	BEA173	C	100	224,026	500	\$500	\$500

License	Market Name	Market	Frequency Block	Bandwidth (kHz)	Population	Bidding Units	Upfront Payment	Minimum Opening Bid
QA-BEA173-D	Guam-Northern Mariana Islands	BEA173	D	100	224,026	500	\$500	\$500
QA-BEA173-E	Guam-Northern Mariana Islands	BEA173	E	100	224,026	500	\$500	\$500
QA-BEA174-A	Puerto Rico-US Virgin Islands	BEA174	A	100	3,917,222	500	\$500	\$500
QA-BEA175-A	American Samoa	BEA175	A	100	57,291	500	\$500	\$500
QA-BEA175-B	American Samoa	BEA175	B	100	57,291	500	\$500	\$500
QA-BEA175-C	American Samoa	BEA175	C	100	57,291	500	\$500	\$500
QA-BEA175-D	American Samoa	BEA175	D	100	57,291	500	\$500	\$500
QA-BEA175-E	American Samoa	BEA175	E	100	57,291	500	\$500	\$500
QA-EAG001-H *	Northeast	EAG001	H	150	44,077,625	66000	\$66,000	\$66,000
QA-EAG002-I	Mid-Atlantic	EAG002	I	150	47,079,540	71000	\$71,000	\$71,000
QA-EAG004-F	Great Lakes	EAG004	F	150	44,940,233	67000	\$67,000	\$67,000
QA-EAG006-I	Pacific	EAG006	I	150	48,590,810	73000	\$73,000	\$73,000

448 licenses covering 154 markets

499,000 \$499,000 \$499,000

\* Indicates licenses that have been partitioned and/or disaggregated. See Parts 3, 4, and 5 of Attachment A for more information about these licenses.

\*\* Indicates licenses with bandwidth that varies across different parts of the geographic area covered due to previous partitioning and disaggregation. See Parts 3 and 4 of Attachment A for more information about these licenses.

**Auction 89**  
**DA 10-849**  
**Attachment A — 220 MHz - Part 2**

Block	Frequencies (MHz)
<b>A</b>	220.005 - 220.010
	220.060 - 220.065
	220.155 - 220.160
	220.210 - 220.215
	220.305 - 220.310
	220.360 - 220.365
	220.455 - 220.460
	220.510 - 220.515
	220.605 - 220.610
	220.660 - 220.665
	221.005 - 221.010
	221.060 - 221.065
	221.155 - 221.160
	221.210 - 221.215
	221.305 - 221.310
221.360 - 221.365	
<b>B</b>	221.455 - 221.460
	221.510 - 221.515
	221.605 - 221.610
	221.660 - 221.665
	220.010 - 220.015
	220.075 - 220.080
	220.160 - 220.165
	220.225 - 220.230
	220.310 - 220.315
	220.375 - 220.380
	220.460 - 220.465
	220.525 - 220.530
	220.610 - 220.615
	220.675 - 220.680
	221.010 - 221.015
<b>C</b>	221.160 - 221.165
	221.225 - 221.230
	221.310 - 221.315
	221.375 - 221.380
	221.460 - 221.465
	221.525 - 221.530
	221.610 - 221.615
	221.675 - 221.680
	220.020 - 220.025
	220.085 - 220.090
	220.170 - 220.175
	220.235 - 220.240
	220.320 - 220.325
	220.385 - 220.390
	220.470 - 220.475
220.535 - 220.540	
220.620 - 220.625	
220.685 - 220.690	
221.020 - 221.025	
221.085 - 221.090	
221.170 - 221.175	
221.235 - 221.240	
221.320 - 221.325	
221.385 - 221.390	
221.470 - 221.475	
221.535 - 221.540	
221.620 - 221.625	
221.685 - 221.690	
<b>D</b>	220.035 - 220.040
	220.090 - 220.095
	220.185 - 220.190
	220.240 - 220.245
	220.335 - 220.340
	220.390 - 220.395
	220.485 - 220.490
	220.540 - 220.545
	220.635 - 220.640
	220.690 - 220.695
	221.035 - 221.040
	221.090 - 221.095
	221.185 - 221.190
	221.240 - 221.245
	221.335 - 221.340
<b>E</b>	221.390 - 221.395
	221.485 - 221.490
	221.540 - 221.545
	221.635 - 221.640
	221.690 - 221.695
	220.850 - 220.900
	221.850 - 221.900
	220.000 - 220.005
	220.025 - 220.030
	220.050 - 220.055
	220.150 - 220.155
	220.175 - 220.180
	220.200 - 220.205
	220.300 - 220.305
	220.325 - 220.330
220.350 - 220.355	
220.450 - 220.455	
220.475 - 220.480	
220.500 - 220.505	
220.600 - 220.605	
220.625 - 220.630	
220.650 - 220.655	
221.000 - 221.005	
221.025 - 221.030	
221.050 - 221.055	
221.150 - 221.155	
221.175 - 221.180	
221.200 - 221.205	
221.300 - 221.305	
221.325 - 221.330	
221.350 - 221.355	
221.450 - 221.455	
221.475 - 221.480	
221.500 - 221.505	
221.600 - 221.605	
221.625 - 221.630	
221.650 - 221.655	
<b>F</b>	221.650 - 221.655
	220.030 - 220.035
	220.055 - 220.060
	220.080 - 220.085
	220.180 - 220.185
	220.205 - 220.210
	220.230 - 220.235
	220.330 - 220.335
	220.355 - 220.360
	220.380 - 220.385
	220.480 - 220.485
	220.505 - 220.510
	220.530 - 220.535
	220.630 - 220.635
	220.655 - 220.660
<b>H</b>	220.680 - 220.685
	221.030 - 221.035
	221.055 - 221.060
	221.080 - 221.085
	221.180 - 221.185
	221.205 - 221.210
	221.230 - 221.235
	221.330 - 221.335
	221.355 - 221.360
	221.380 - 221.385
	221.480 - 221.485
	221.505 - 221.510
	221.530 - 221.535
	221.630 - 221.635
	221.655 - 221.660
221.680 - 221.685	
<b>I</b>	221.680 - 221.685
	220.045 - 220.050
	220.070 - 220.075
	220.095 - 220.100
	220.195 - 220.200
	220.220 - 220.225
	220.245 - 220.250
	220.345 - 220.350
	220.370 - 220.375
	220.395 - 220.400
	220.495 - 220.500
	220.520 - 220.525
	220.545 - 220.550
	220.645 - 220.650
	220.670 - 220.675
220.695 - 220.700	
221.045 - 221.050	
221.070 - 221.075	
221.095 - 221.100	
221.195 - 221.200	
221.220 - 221.225	
221.245 - 221.250	
221.345 - 221.350	
221.370 - 221.375	
221.395 - 221.400	
221.495 - 221.500	
221.520 - 221.525	
221.545 - 221.550	
221.645 - 221.650	
221.670 - 221.675	
221.695 - 221.700	

**Auction 89**

**DA 10-849**

**Attachment A — 220 MHz - Part 3**

<b>License</b>	<b>Description</b>	<b>Lat Deg</b>	<b>Lat Min</b>	<b>Lat Sec</b>	<b>Lat Dir</b>	<b>Lon Deg</b>	<b>Lon Min</b>	<b>Lon Sec</b>	<b>Lon Dir</b>
QA-BEA064-D*	Area 1	87	45	11	N	42	8	38	W
		87	24	31	N	41	40	38	W
		41	36	45	N	87	37	23	W
		41	41	48	N	87	53	35	W
		41	53	53	N	88	0	13	W
		42	5	55	N	87	53	35	W

**Auction 89**

**DA 10-849**

**Attachment A — 220 MHz - Part 4**

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
QA-BEA010-E	BEA010	<b>NYC-Long Is. NY-NJ-CT-PA-MA-VT</b>	E	See Attachment A Part 2		<b>7,426,126</b>
		Bennington, Vermont				36,994
		Berkshire, Massachusetts				134,953
		Carbon, Pennsylvania				58,802
		Clinton, Pennsylvania				37,914
		Columbia, Pennsylvania				64,151
		Dutchess, New York				280,150
		Franklin, Massachusetts				71,535
		Hampden, Massachusetts				456,228
		Hampshire, Massachusetts				152,251
		Hartford, Connecticut				857,183
		Hunterdon, New Jersey				121,989
		Lackawanna, Pennsylvania				213,295
		Lehigh, Pennsylvania				312,090
		Litchfield, Connecticut				182,193
		Luzerne, Pennsylvania				319,250
		Lycoming, Pennsylvania				120,044
		Mercer, New Jersey				350,761
		Middlesex, Connecticut				155,071
		Monroe, Pennsylvania				138,687
		Montour, Pennsylvania				18,236
		New Haven, Connecticut				824,008
		New London, Connecticut				259,088
		Northampton, Pennsylvania				267,066
		Northumberland, Pennsylvania				94,556
		Ocean, New Jersey				510,916
		Orange, New York				341,367
		Pike, Pennsylvania				46,302
		Putnam, New York				95,745
		Snyder, Pennsylvania				37,546
		Sullivan, New York				73,966
		Sullivan, Pennsylvania				6,556
		Sussex, New Jersey				144,166
Tolland, Connecticut	136,364					
Ulster, New York	177,749					
Union, Pennsylvania	41,624					
Warren, New Jersey	102,437					
Wayne, Pennsylvania	47,722					
Windham, Connecticut	109,091					
Wyoming, Pennsylvania	28,080					
QA-BEA010-E (continued)	BEA010	<b>NYC-Long Is. NY-NJ-CT-PA-MA-VT</b>	E*	220.850 - 220.855	50	<b>18,286,451</b>
		Bergen, New Jersey				884,118
		Bronx, New York				1,332,650
		Essex, New Jersey				793,633
		Fairfield, Connecticut				882,567
		Hudson, New Jersey				608,975
		Kings, New York				2,465,326
		Middlesex, New Jersey				750,162
		Monmouth, New Jersey				615,301
		Morris, New Jersey				470,212
		Nassau, New York				1,334,544

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
		New York, New York				1,537,195
		Passaic, New Jersey				489,049
		Queens, New York				2,229,379
		Richmond, New York				443,728
		Rockland, New York				286,753
		Somerset, New Jersey				297,490
		Suffolk, New York				1,419,369
		Union, New Jersey				522,541
		Westchester, New York				923,459
<b>QA-BEA012-C</b>	<b>BEA012</b>	<b>Phil.-Atl. City PA-NJ-DE-MD</b>	<b>C*</b>	<b>220.085 - 220.090</b>	<b>50</b>	<b>7,309,792</b>
		Atlantic, New Jersey		220.235 - 220.240		252,552
		Berks, Pennsylvania		220.385 - 220.390		373,638
		Bucks, Pennsylvania		220.535 - 220.540		597,635
		Burlington, New Jersey		220.685 - 220.690		423,394
		Camden, New Jersey		221.085 - 221.090		508,932
		Cape May, New Jersey		221.235 - 221.240		102,326
		Cecil, Maryland		221.385 - 221.390		85,951
		Chester, Pennsylvania		221.535 - 221.540		433,501
		Cumberland, New Jersey		221.685 - 221.690		146,438
		Delaware, Pennsylvania				550,864
		Gloucester, New Jersey				254,673
		Kent, Delaware				126,697
		Lancaster, Pennsylvania				470,658
		Montgomery, Pennsylvania				750,097
		New Castle, Delaware				500,265
		Philadelphia, Pennsylvania				1,517,550
		Salem, New Jersey				64,285
		Schuylkill, Pennsylvania				150,336
<b>QA-BEA029-C</b>	<b>BEA029</b>	<b>Jacksonville FL-GA</b>	<b>C</b>	<b>See Attachment A Part 2</b>	<b>100</b>	<b>1,625,078</b>
		Alachua, Florida				217,955
		Baker, Florida				22,259
		Bradford, Florida				26,088
		Clay, Florida				140,814
		Columbia, Florida				56,513
		Dixie, Florida				13,827
		Duval, Florida				778,879
		Gilchrist, Florida				14,437
		Hamilton, Florida				13,327
		Lafayette, Florida				7,022
		Levy, Florida				34,450
		Nassau, Florida				57,663
		Putnam, Florida				70,423
		St. Johns, Florida				123,135
		Suwannee, Florida				34,844
		Union, Florida				13,442

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
QA-BEA035-B	BEA035	<b>Tallahassee FL-GA</b>	B	See Attachment A Part 2	100	<b>597,692</b>
		Bay, Florida				148,217
		Calhoun, Florida				13,017
		Franklin, Florida				11,057
		Gadsden, Florida				45,087
		Gulf, Florida				13,332
		Jackson, Florida				46,755
		Jefferson, Florida				12,902
		Leon, Florida				239,452
		Liberty, Florida				7,021
		Madison, Florida				18,733
		Taylor, Florida				19,256
		Wakulla, Florida				22,863
QA-BEA049-E	BEA049	<b>Cincinnati-Hamilton OH-KY-IN</b>	E	See Attachment A Part 2	100	<b>2,075,389</b>
		Adams, Ohio				27,330
		Boone, Kentucky				85,991
		Bracken, Kentucky				8,279
		Brown, Ohio				42,285
		Butler, Ohio				332,807
		Campbell, Kentucky				88,616
		Clermont, Ohio				177,977
		Clinton, Ohio				40,543
		Gallatin, Kentucky				7,870
		Grant, Kentucky				22,384
		Hamilton, Ohio				845,303
		Highland, Ohio				40,875
		Kenton, Kentucky				151,464
		Lewis, Kentucky				14,092
		Mason, Kentucky				16,800
		Pendleton, Kentucky				14,390
Warren, Ohio	158,383					

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
QA-BEA064-D	BEA064	Chicago-Gary-Kenosha IL-IN-WI	D*	220.090 - 220.095	50	4,378,455
				220.240 - 220.245		
		Cook, Illinois (Partial County)		220.390 - 220.395		4,231,220
				220.540 - 220.545		
	DuPage, Illinois (Partial County)		220.690 - 220.695		133,408	
			221.090 - 221.095			
			221.240 - 221.245			
	Lake, Indiana (Partial County)		221.390 - 221.395		13,827	
			221.540 - 221.545			
			221.690 - 221.695			
QA-BEA064-D (continued)	BEA064	Chicago-Gary-Kenosha IL-IN-WI	D	See Attachment A Part 2	100	5,950,399
		Boone, Illinois				41,786
		Bureau, Illinois				35,503
		Carroll, Illinois				16,674
		Cook, Illinois (Partial County)				1,145,521
		De Witt, Illinois				16,798
		DeKalb, Illinois				88,969
		DuPage, Illinois (Partial County)				770,753
		Grundy, Illinois				37,535
		Iroquois, Illinois				31,334
		Jasper, Indiana				30,043
		Kane, Illinois				404,119
		Kankakee, Illinois				103,833
		Kendall, Illinois				54,544
		Kenosha, Wisconsin				149,577
		La Salle, Illinois				111,509
		Lake, Illinois				644,356
		Lake, Indiana (Partial County)				470,737
		LaPorte, Indiana				110,106
		Lee, Illinois				36,062
		Livingston, Illinois				39,678
		McHenry, Illinois				260,077
		McLean, Illinois				150,433
		Newton, Indiana				14,566
		Ogle, Illinois				51,032
		Porter, Indiana				146,798
		Putnam, Illinois				6,086
		Rock, Wisconsin				152,307
Stephenson, Illinois	48,979					
Will, Illinois	502,266					
Winnebago, Illinois	278,418					

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
QA-BEA070-A	BEA070	<b>Louisville KY-IN</b>	A*	220.060 - 220.065 220.210 - 220.215 220.360 - 220.365 220.510 - 220.515 220.660 - 220.665 221.060 - 221.065 221.210 - 221.215 221.360 - 221.365 221.510 - 221.515 221.660 - 221.665	50	<b>1,416,914</b>
		Breckinridge, Kentucky				18,648
		Bullitt, Kentucky				61,236
		Carroll, Kentucky				10,155
		Clark, Indiana				96,472
		Crawford, Indiana				10,743
		Floyd, Indiana				70,823
		Grayson, Kentucky				24,053
		Hardin, Kentucky				94,174
		Harrison, Indiana				34,325
		Henry, Kentucky				15,060
		Jefferson, Indiana				31,705
		Jefferson, Kentucky				693,604
		Larue, Kentucky				13,373
		Marion, Kentucky				18,212
		Meade, Kentucky				26,349
		Nelson, Kentucky				37,477
		Oldham, Kentucky				46,178
		Scott, Indiana				22,960
		Shelby, Kentucky				33,337
		Spencer, Kentucky				11,766
		Trimble, Kentucky				8,125
		Washington, Indiana				27,223
Washington, Kentucky	10,916					
QA-BEA070-D	BEA070	<b>Louisville KY-IN</b>	D	See Attachment A Part 2	100	<b>1,122,663</b>
		Breckinridge, Kentucky				18,648
		Bullitt, Kentucky				61,236
		Carroll, Kentucky				10,155
		Grayson, Kentucky				24,053
		Hardin, Kentucky				94,174
		Henry, Kentucky				15,060
		Jefferson, Kentucky				693,604
		Larue, Kentucky				13,373
		Marion, Kentucky				18,212
		Meade, Kentucky				26,349
		Nelson, Kentucky				37,477
		Oldham, Kentucky				46,178
		Shelby, Kentucky				33,337
		Spencer, Kentucky				11,766
		Trimble, Kentucky				8,125
		Washington, Kentucky				10,916
QA-EAG001-H	EAG001	<b>Northeast</b>	H	See Attachment A Part 2	150	<b>36,123,071</b>
		Adams, Pennsylvania				91,292
		Addison, Vermont				35,974
		Albany, New York				294,565
		Allegany, New York				49,927
		Androscoggin, Maine				103,793
		Aroostook, Maine				73,938
		Bedford, Pennsylvania				49,984
		Bennington, Vermont				36,994
		Bergen, New Jersey				884,118
		Berkshire, Massachusetts				134,953
		Blair, Pennsylvania				129,144
		Bradford, Pennsylvania				62,761
		Bronx, New York				1,332,650

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
		Broome, New York				200,536
		Caledonia, Vermont				29,702
		Cambria, Pennsylvania				152,598
		Cameron, Pennsylvania				5,974
		Carbon, Pennsylvania				58,802
		Cattaraugus, New York				83,955
		Cayuga, New York				81,963
		Centre, Pennsylvania				135,758
		Chautauqua, New York				139,750
		Chemung, New York				91,070
		Chenango, New York				51,401
		Chittenden, Vermont				146,571
		Clarion, Pennsylvania				41,765
		Clearfield, Pennsylvania				83,382
		Clinton, New York				79,894
		Clinton, Pennsylvania				37,914
		Columbia, New York				63,094
		Columbia, Pennsylvania				64,151
		Cortland, New York				48,599
		Crawford, Pennsylvania				90,366
		Cumberland, Maine				265,612
		Cumberland, Pennsylvania				213,674
		Dauphin, Pennsylvania				251,798
		Delaware, New York				48,055
		Dutchess, New York				280,150
		Elk, Pennsylvania				35,112
		Erie, New York				950,265
		Erie, Pennsylvania				280,843
		Essex, New Jersey				793,633
		Essex, New York				38,851
		Fairfield, Connecticut				882,567
		Forest, Pennsylvania				4,946
		Franklin, Maine				29,467
		Franklin, Massachusetts				71,535
		Franklin, New York				51,134
		Franklin, Vermont				45,417
		Fulton, New York				55,073
		Genesee, New York				60,370
		Grand Isle, Vermont				6,901
		Greene, New York				48,195
		Hamilton, New York				5,379
		Hampden, Massachusetts				456,228
		Hampshire, Massachusetts				152,251
		Hancock, Maine				51,791
		Hartford, Connecticut				857,183
		Herkimer, New York				64,427
		Hudson, New Jersey				608,975
		Hunterdon, New Jersey				121,989
		Huntingdon, Pennsylvania				45,586
		Jefferson, New York				111,738
		Jefferson, Pennsylvania				45,932
		Juniata, Pennsylvania				22,821
		Kennebec, Maine				117,114
		Kings, New York				2,465,326
		Knox, Maine				39,618
		Lackawanna, Pennsylvania				213,295

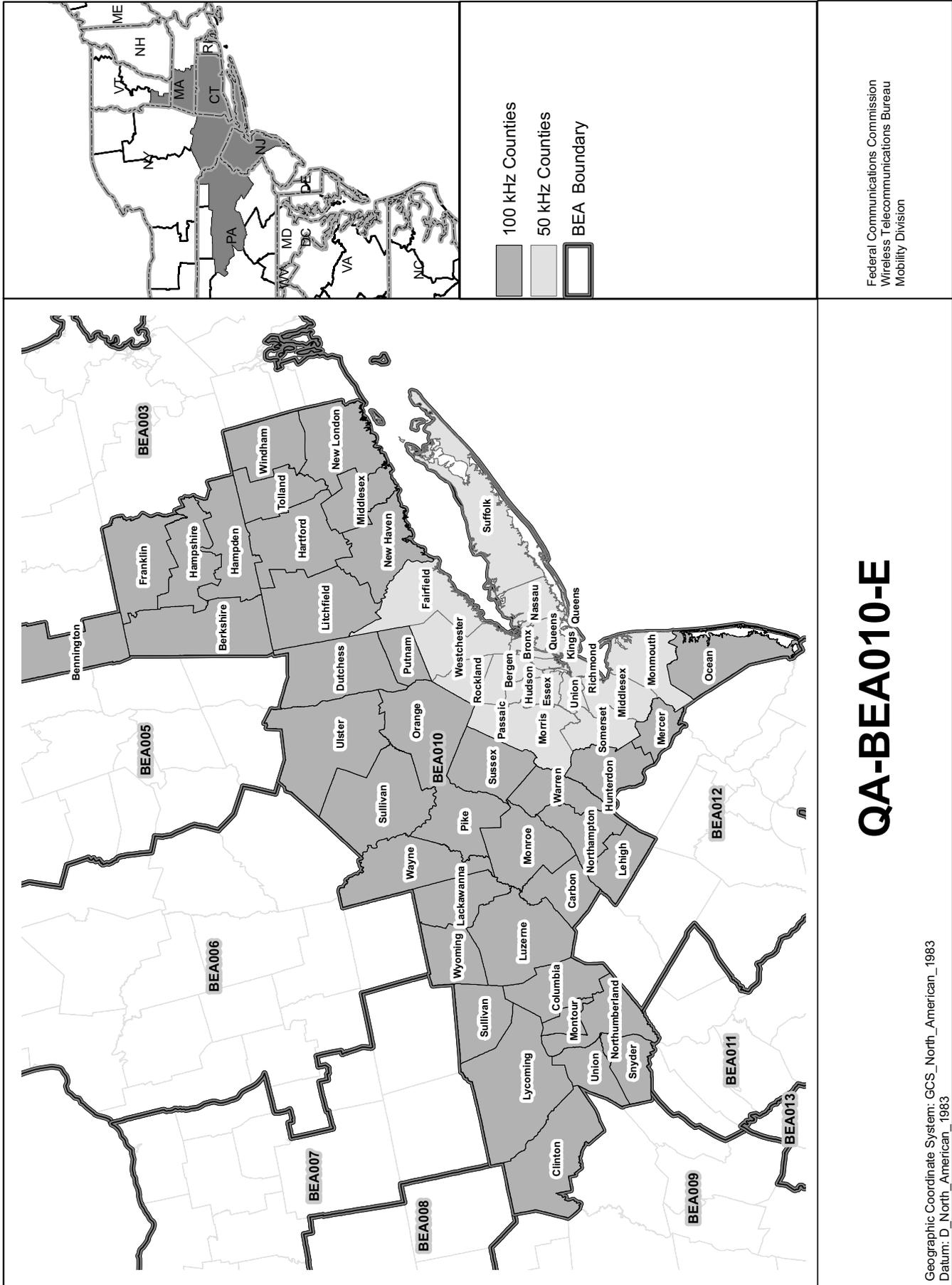
License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
		Lamoille, Vermont				23,233
		Lebanon, Pennsylvania				120,327
		Lehigh, Pennsylvania				312,090
		Lewis, New York				26,944
		Lincoln, Maine				33,616
		Litchfield, Connecticut				182,193
		Livingston, New York				64,328
		Luzerne, Pennsylvania				319,250
		Lycoming, Pennsylvania				120,044
		Madison, New York				69,441
		McKean, Pennsylvania				45,936
		Mercer, New Jersey				350,761
		Middlesex, Connecticut				155,071
		Middlesex, New Jersey				750,162
		Mifflin, Pennsylvania				46,486
		Monmouth, New Jersey				615,301
		Monroe, New York				735,343
		Monroe, Pennsylvania				138,687
		Montgomery, New York				49,708
		Montour, Pennsylvania				18,236
		Morris, New Jersey				470,212
		Nassau, New York				1,334,544
		New Haven, Connecticut				824,008
		New London, Connecticut				259,088
		New York, New York				1,537,195
		Niagara, New York				219,846
		Northampton, Pennsylvania				267,066
		Northumberland, Pennsylvania				94,556
		Ocean, New Jersey				510,916
		Oneida, New York				235,469
		Onondaga, New York				458,336
		Ontario, New York				100,224
		Orange, New York				341,367
		Orleans, New York				44,171
		Orleans, Vermont				26,277
		Oswego, New York				122,377
		Otsego, New York				61,676
		Oxford, Maine				54,755
		Passaic, New Jersey				489,049
		Penobscot, Maine				144,919
		Perry, Pennsylvania				43,602
		Pike, Pennsylvania				46,302
		Piscataquis, Maine				17,235
		Potter, Pennsylvania				18,080
		Putnam, New York				95,745
		Queens, New York				2,229,379
		Rensselaer, New York				152,538
		Richmond, New York				443,728
		Rockland, New York				286,753
		Rutland, Vermont				63,400
		Sagadahoc, Maine				35,214
		Saratoga, New York				200,635
		Schenectady, New York				146,555
		Schoharie, New York				31,582
		Schuyler, New York				19,224
		Seneca, New York				33,342

License	Partial Market	Partial Market/County Name	Frequency Block	Frequencies (MHz)	Bandwidth (kHz)	Population**
		Snyder, Pennsylvania				37,546
		Somerset, Maine				50,888
		Somerset, New Jersey				297,490
		Somerset, Pennsylvania				80,023
		St. Lawrence, New York				111,931
		Steuben, New York				98,726
		Suffolk, New York				1,419,369
		Sullivan, New York				73,966
		Sullivan, Pennsylvania				6,556
		Susquehanna, Pennsylvania				42,238
		Sussex, New Jersey				144,166
		Tioga, New York				51,784
		Tioga, Pennsylvania				41,373
		Tolland, Connecticut				136,364
		Tompkins, New York				96,501
		Ulster, New York				177,749
		Union, New Jersey				522,541
		Union, Pennsylvania				41,624
		Venango, Pennsylvania				57,565
		Waldo, Maine				36,280
		Warren, New Jersey				102,437
		Warren, New York				63,303
		Warren, Pennsylvania				43,863
		Washington, Maine				33,941
		Washington, New York				61,042
		Washington, Vermont				58,039
		Wayne, New York				93,765
		Wayne, Pennsylvania				47,722
		Westchester, New York				923,459
		Windham, Connecticut				109,091
		Wyoming, New York				43,424
		Wyoming, Pennsylvania				28,080
		Yates, New York				24,621
		York, Maine				186,742
		York, Pennsylvania				381,751

Additional information about these licenses is available in Attachment A - Parts 2, 3, and 5.

\*\* The population listed for these licenses is based on the 2000 decennial census and reflects the areas covered.

# Attachment A - Part 5



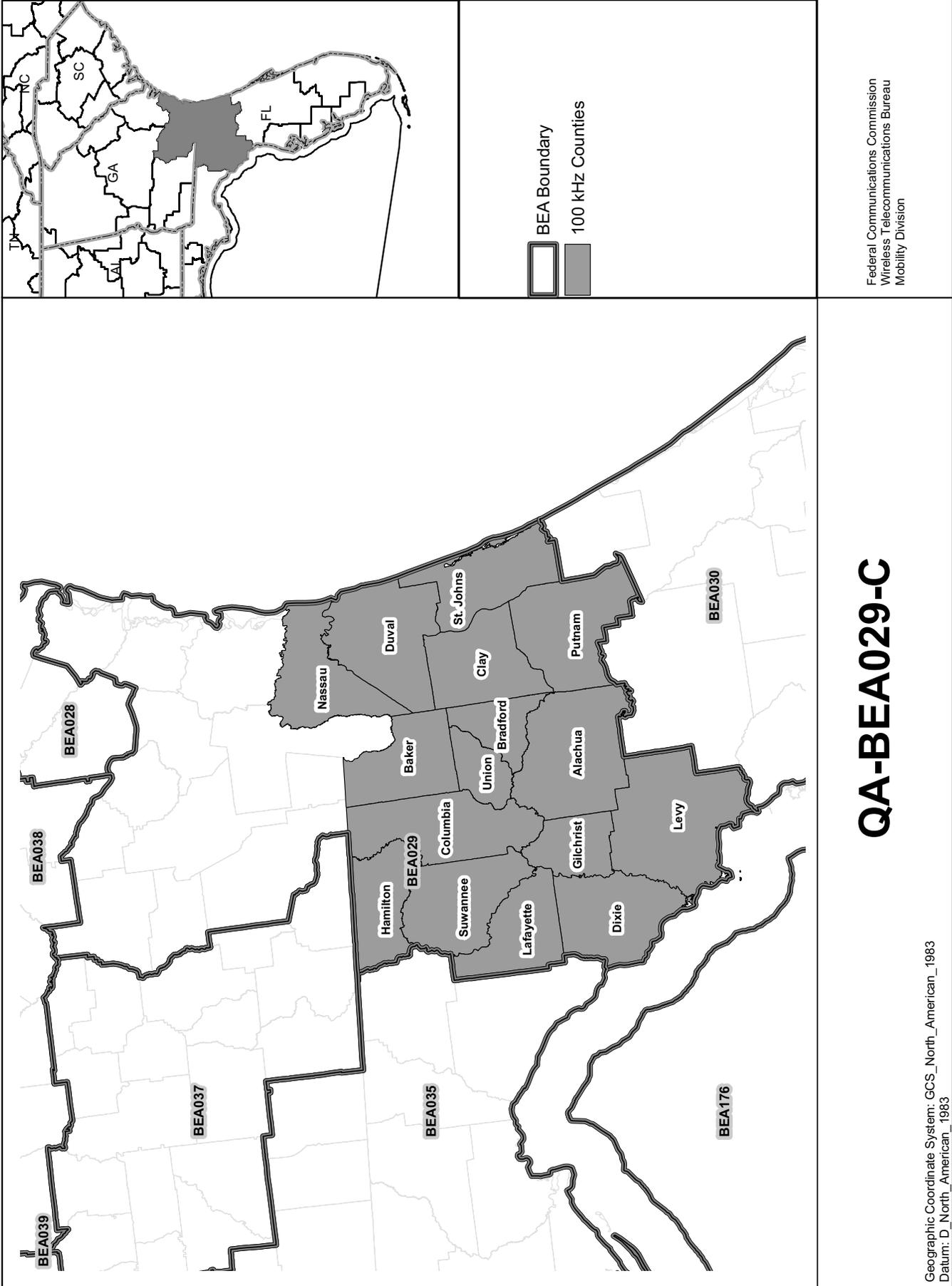
# QA-BEA010-E

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983



Attachment A - Part 5

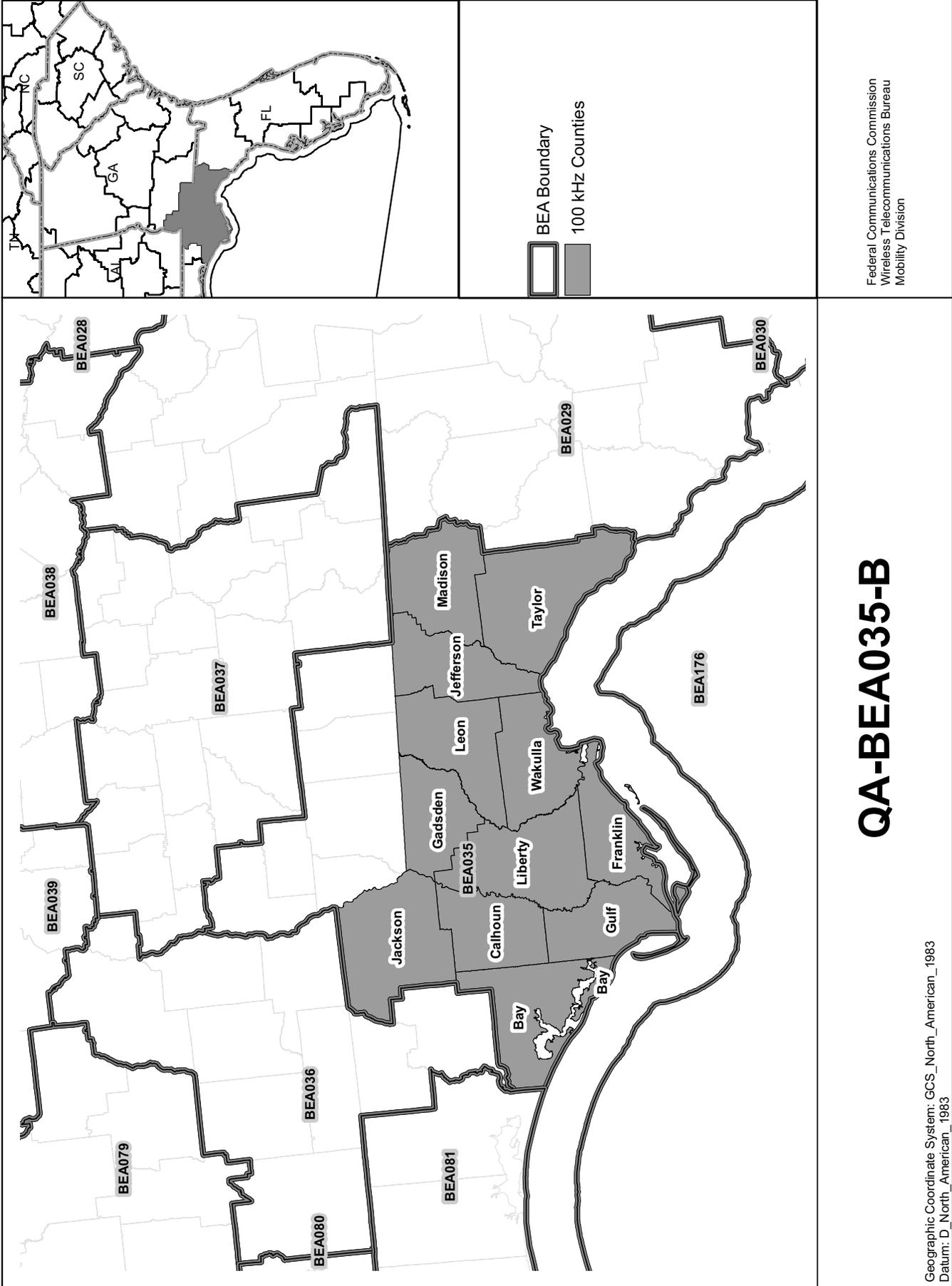


**QA-BEA029-C**

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983

Attachment A - Part 5

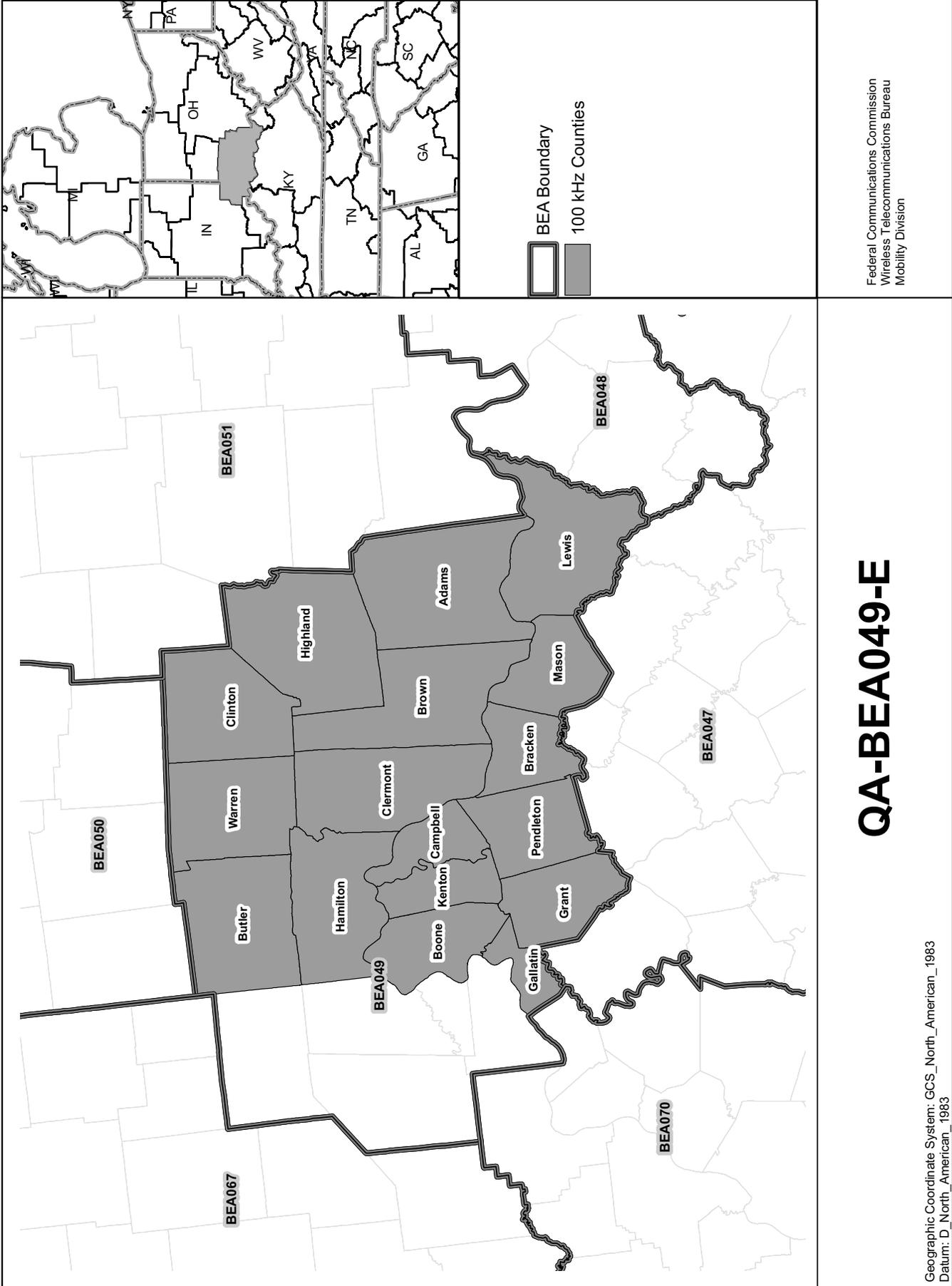


QA-BEA035-B

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983

Attachment A - Part 5

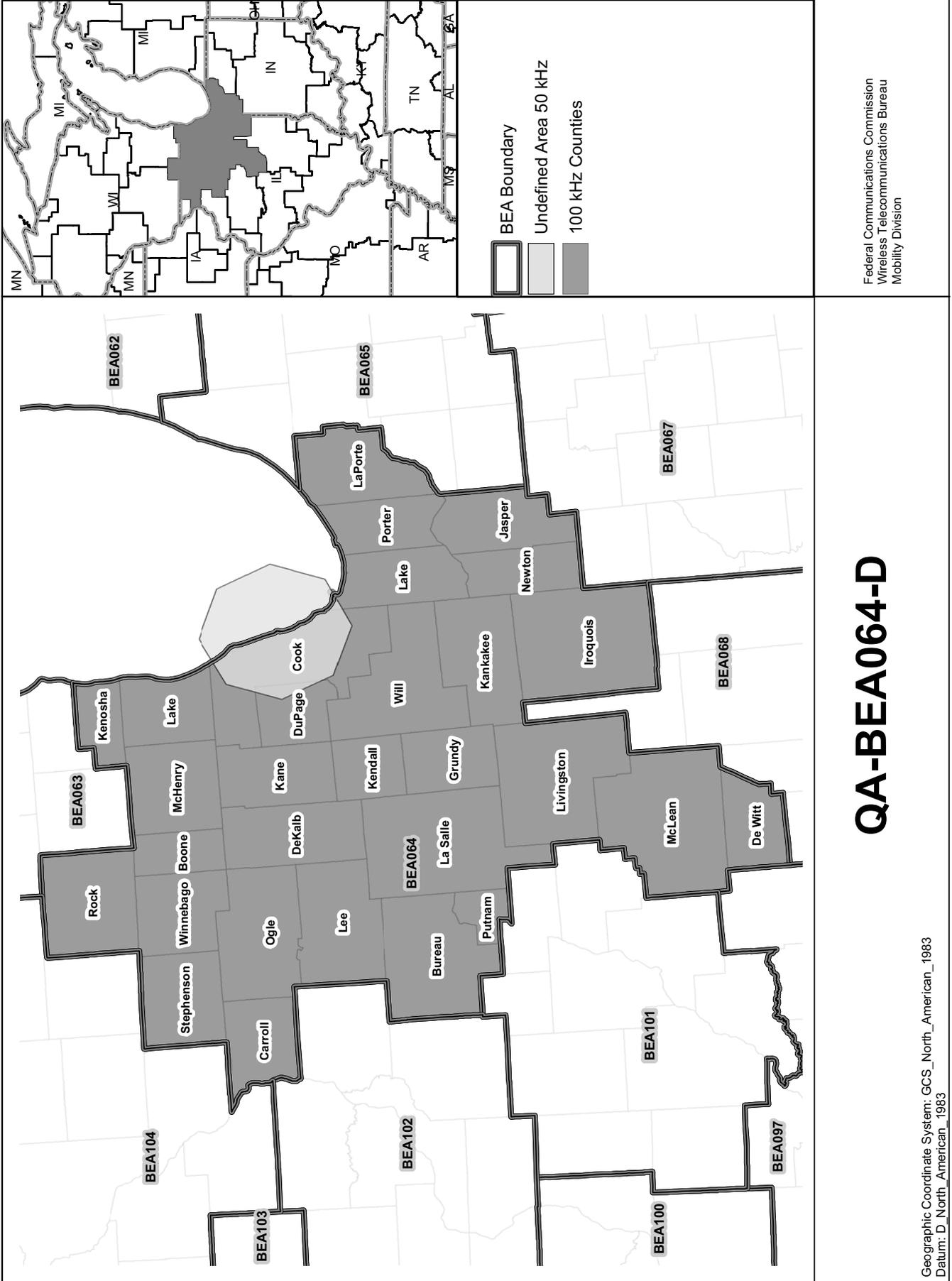


**QA-BEA049-E**

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983

# Attachment A - Part 5

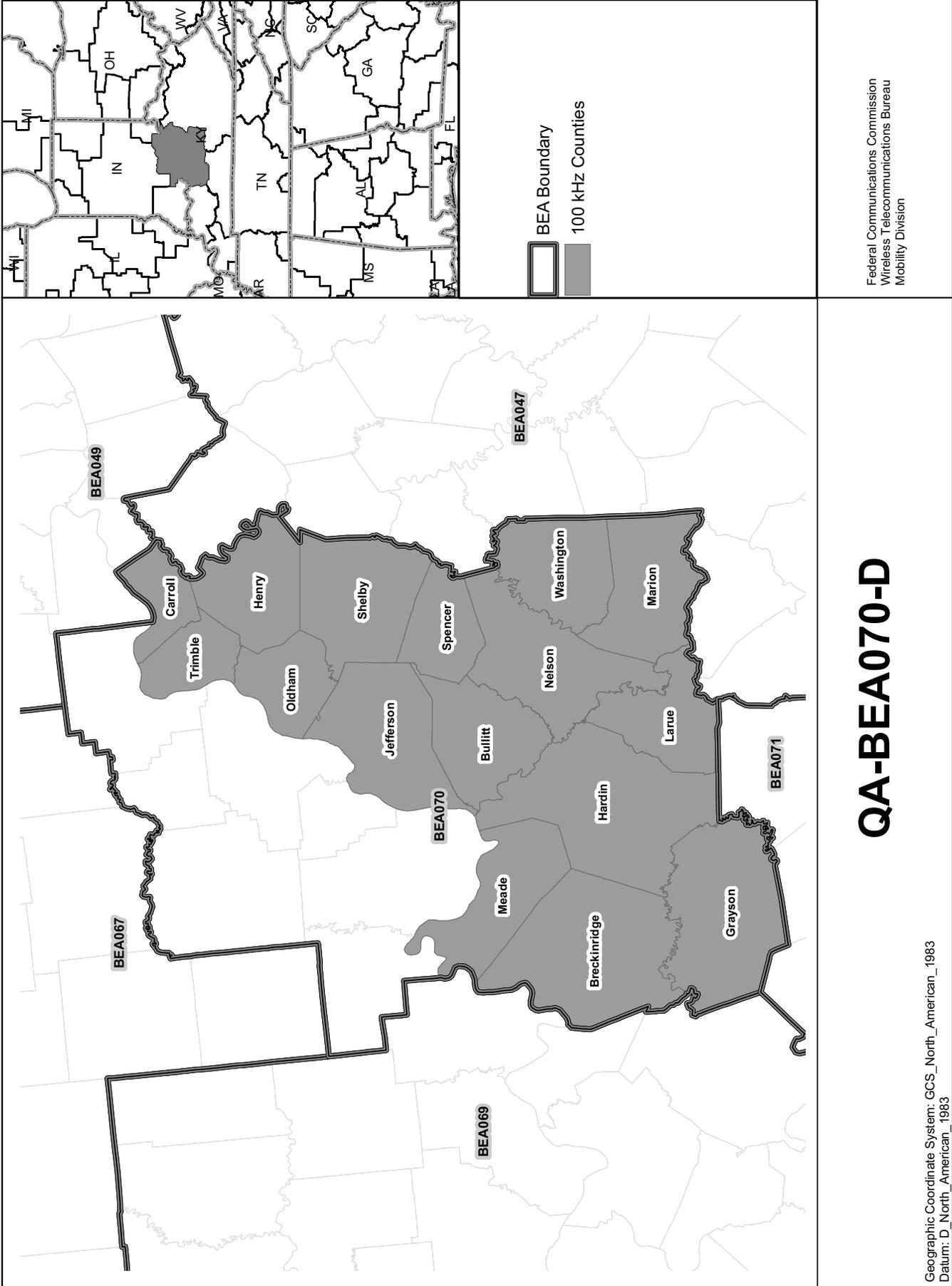


# QA-BEA064-D

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983

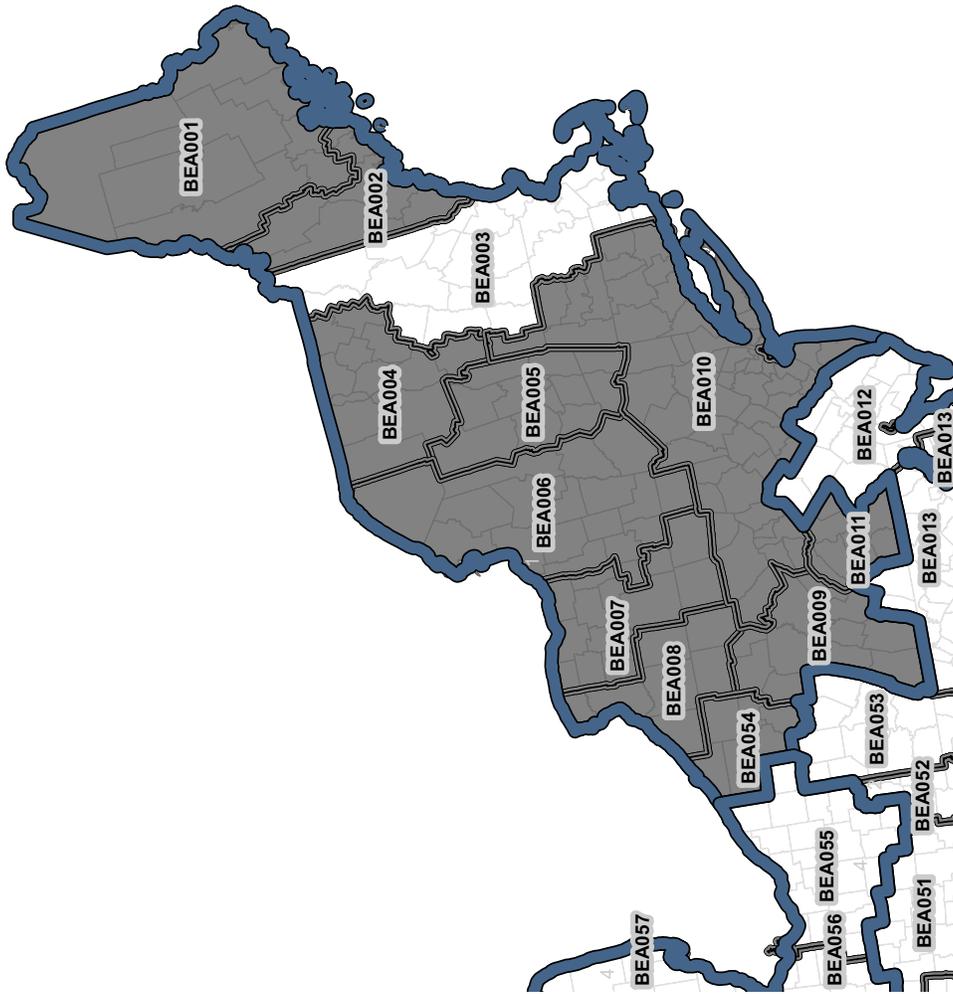
Attachment A - Part 5



**QA-BEA070-D**

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983



# QA-EAG001-H

Federal Communications Commission  
Wireless Telecommunications Bureau  
Mobility Division

Geographic Coordinate System: GCS\_North\_American\_1983  
Datum: D\_North\_American\_1983

**DA 10-849**  
**Attachment B**

**Minimum Acceptable Bid Formula**

The following formula used to calculate minimum acceptable bids is based on activity. After there is a provisionally winning bid for a license, the minimum acceptable bid amount for that license will be equal to the amount of the provisionally winning bid plus a percentage of that bid amount calculated using the formula below. In general, the percentage will be higher for a license receiving many bids than for a license receiving few bids.

$$A_i = (C * B_i) + ((1-C) * A_{i-1})$$

$$I_{i+1} = \text{smaller of } ((1 + A_i) * N) \text{ and } M$$

$$X_{i+1} = I_{i+1} * Y_i$$

where

$A_i$  = activity index for the current round (round i)

$C$  = activity weight factor

$B_i$  = number of bidders submitting bids on the licenses in the current round (round i)

$A_{i-1}$  = activity index from previous round (round i-1),  $A_0$  is 0

$I_{i+1}$  = additional percentage for the next round (round i+1)

$N$  = minimum additional percentage or floor

$M$  = maximum additional percentage or ceiling

$X_{i+1}$  = additional dollar amount

$Y_i$  = provisionally winning bid amount from the current round

Examples

$$C = 0.5, N = 0.1, M = 0.3$$

Round 1 (1 bidder submitting bids, provisionally winning bid = \$1,000,000)

1. Calculation of additional percentage for round 2:

$$A_1 = (0.5 * 1) + (0.5 * 0) = 0.5$$

$$I_2 = \text{The smaller of } [((1 + 0.5) * 0.1) = 0.15] \text{ and } 0.3 \text{ (the maximum additional percentage)}$$
$$= 0.15$$

2. Calculation of dollar amount associated with the additional percentage for round 2 (using  $I_2$  from above):

$$X_2 = 0.15 * \$1,000,000 = \$150,000$$

3. Minimum acceptable bid amount for round 2 = \$1,150,000

Round 2 (3 bidders submitting bids, provisionally winning bid = \$2,000,000)

1. Calculation of additional percentage for round 3:

$$A_2 = (0.5 * 3) + (0.5 * 1) = 2$$

$$I_3 = \text{The smaller of } [(1 + 2) * 0.1 = 0.3] \text{ and } 0.3 \text{ (the maximum additional percentage)}$$
$$= 0.03$$

2. Calculation of dollar amount associated with the additional percentage for round 3 (using I3 from above):

$$X_3 = 0.2 * \$2,000,000 = \$400,000$$

3. Minimum acceptable bid amount for round 3 = \$2,400,000

Round 3 (1 bidder submitting bids, provisionally winning bid = \$2,400,000)

1. Calculation of additional percentage for round 4:

$$A_3 = (0.5 * 1) + (0.5 * 2) = 1.5$$

$$I_4 = \text{The smaller of } [(1 + 1.5) * 0.1 = 0.25] \text{ and } 0.3 \text{ (the maximum additional percentage)}$$
$$= 0.25$$

2. Calculation of dollar amount associated with the additional percentage for round 4 (using I4 from above):

$$X_4 = 0.2 * \$2,400,000 = \$480,000$$

3. Minimum acceptable bid amount for round 4 = \$2,880,000